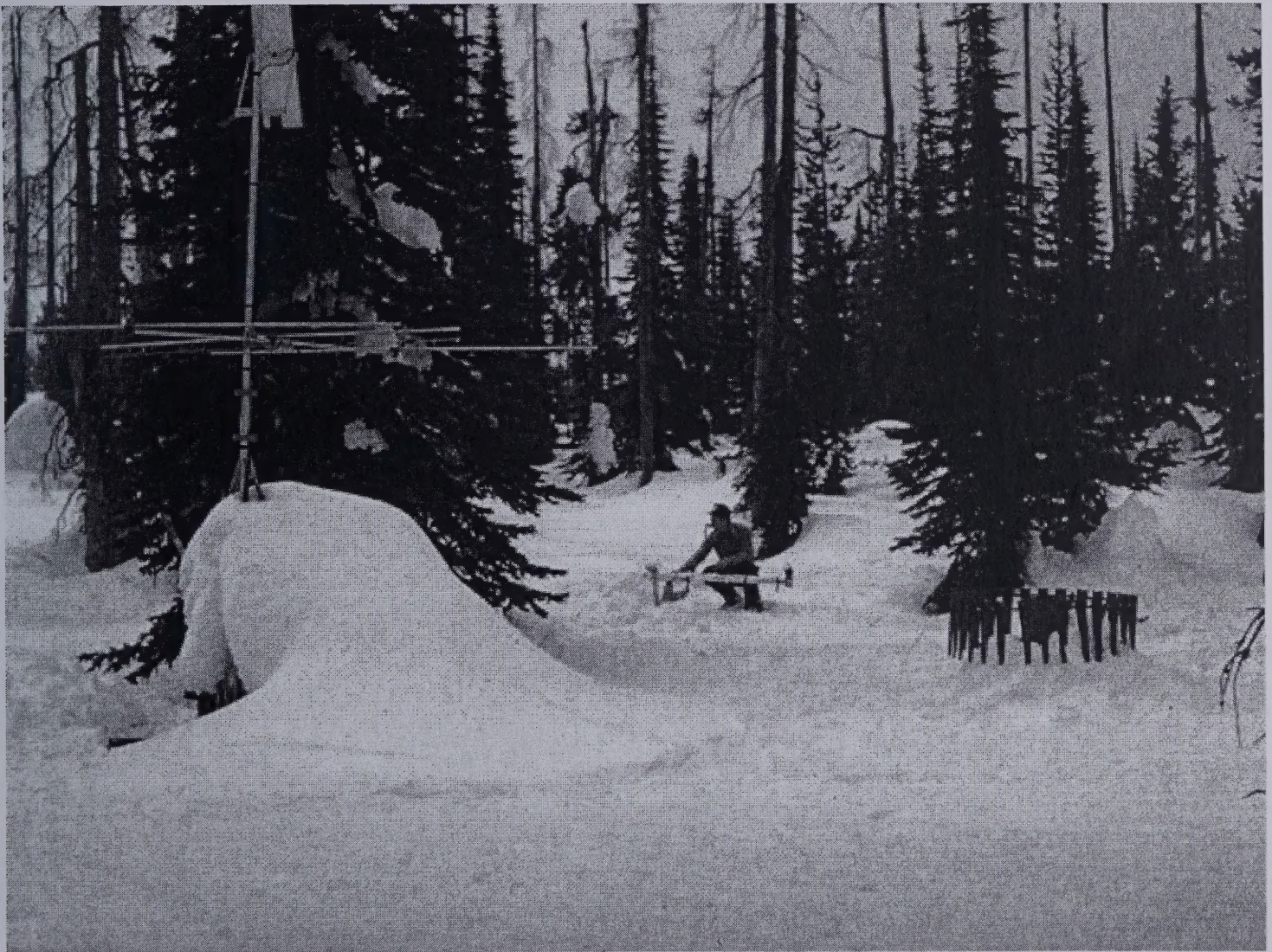


Montana Water Supply Outlook Report January 1, 2008



Picture: Black Bear SNOTEL Site - Winter of 1997

Water Supply Outlook Report

and Federal - State - Private Cooperative Snow Surveys

For more water supply and resource management information, contact:
See Attached List

How forecasts are made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Natural Resources Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

Snowpack data are obtained by using a combination of manual and automated SNOTEL measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via meteor burst telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

Forecast uncertainty originates from two sources: (1) uncertainty of future hydrologic and climatic conditions, and (2) error in the forecasting procedure. To express the uncertainty in the most probable forecast, four additional forecasts are provided. The actual streamflow can be expected to exceed the most probable forecast 50% of the time. Similarly, the actual streamflow volume can be expected to exceed the 90% forecast volume 90% of the time. The same is true for the 70%, 30%, and 10% forecasts. Generally, the 90% and 70% forecasts reflect drier than normal hydrologic and climatic conditions; the 30% and 10% forecasts reflect wetter than normal conditions. As the forecast season progresses, a greater portion of the future hydrologic and climatic uncertainty will become known and the additional forecasts will move closer to the most probable forecast.

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Natural Resources Conservation Service

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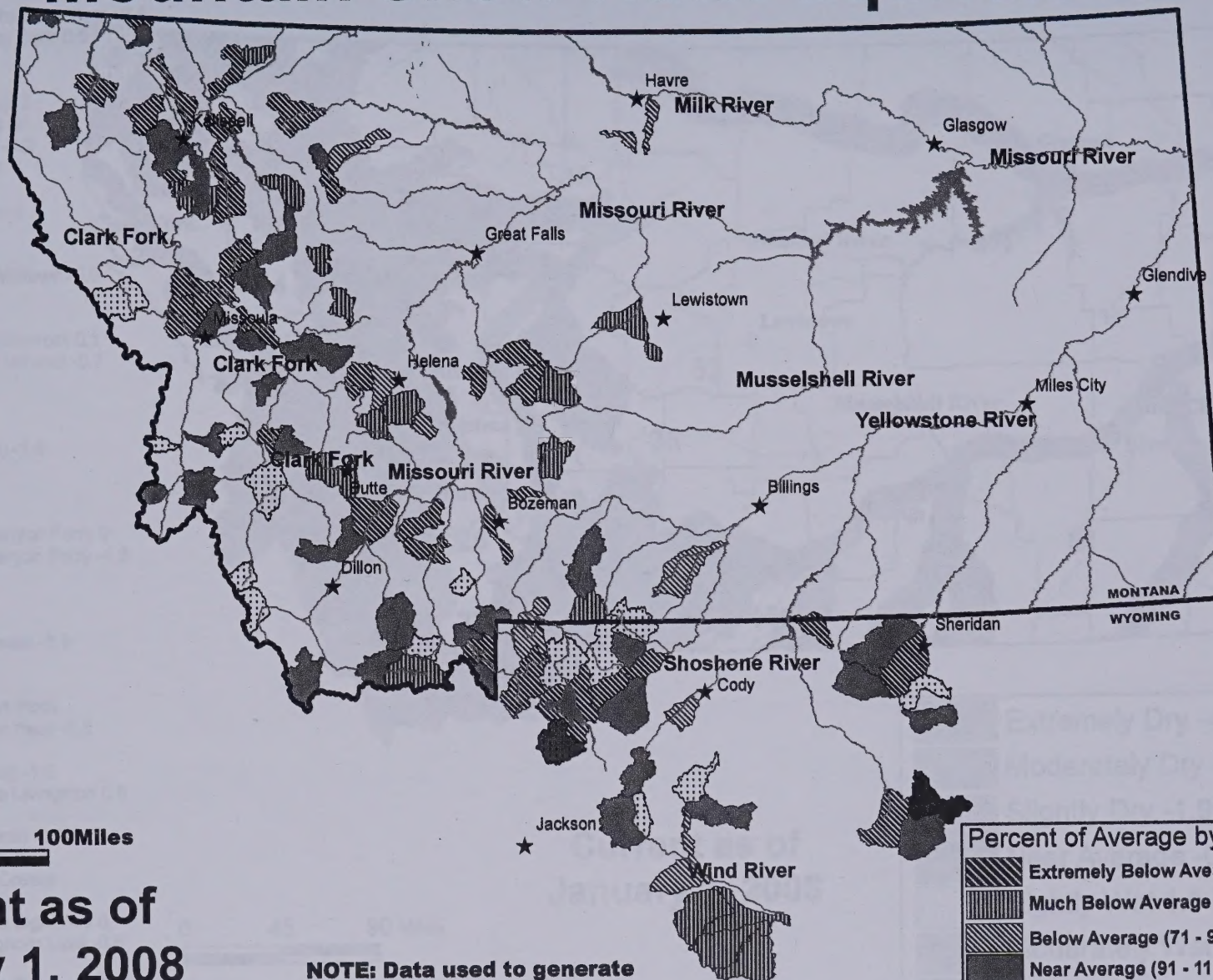
Where to Get More Information

This contact list provides the names and phone numbers of individuals who can provide more detailed snow survey information for each county.

Beaverhead County Jim Olson 638-3800	Dawson County Linda Peterson-Lohse 377-5566	Hill County Deana Grabofsky 265-6792
Big Horn County Evan Van Order 665-3442	Deer Lodge County Glen Green 846-1703	Jefferson County Ronnie Maurer 278-3215
Blaine County Matthew Crampton 357-2320	Fallon County Ann Fisher 778-2238	Judith Basin County Rick Caquelin 566-2311
Broadwater County Karla Ware 266-3146	Fergus County Patty Creamer 538-7401	Lake County Carlos Rodreques 676-2841
Carbon County Gregory Evertz 962-3641	Flathead County Angel Rosario 752-4242	Lewis and Clark County Minder Gauthier 449-5000
Carter County Wayne Yost 775-6355	Gallatin County Denise Wiedenheft 522-4018	Liberty County Dan Kultgen 759-5778
Cascade County Dale Krause 727-7580	Garfield County Sue Fitzgerald 557-2740	Lincoln County Kirk Sullivan 296-7152
Chouteau County Lanny Walker 622-5627	Glacier County Mark Johnson 873-4292	Madison County Ole Berkram 842-5741
Custer County Rusty Irion 232-7905	Golden Valley County Justin Meissner 323-2103	McCone County Regan Kirchner 485-2744
Daniels County Valerie Oksendahl 487-5366	Granite County Bret Bledsoe 859-3291	Meagher County Jeremy Frye 547-3633

Mineral County Kristine Berg 829-3395	Prairie County Dick Scheetz 635-5381	Sweet Grass County Chuck Roloff 932-5160
Missoula County Kristine Berg 829-3395	Ravalli County Henry Burkwhat 363-1444	Teton County Thedis Crowe 466-5722
Musselshell County Justin Meissner 323-2103	Richland County Jamie Selting 433-2103	Toole County Misty Vermulm 434-5234
Park County Ron Hoagland 222-2899	Roosevelt County Robert Bray 787-5232	Treasure County Danae Pinkerton 342-5510
Petroleum County Nikki Rife 429-6646	Rosebud County Rocky Schwagler 346-7333	Valley County Tracy Cumber 228-4321
Phillips County Lorna Philip 654-1334	Sanders County Don Feist 826-3701	Wheatland County John Oiestad 632-5534
Pondera County Stacy Eneboe 278-7611	Sheridan County Monica Friedrich 765-1801	Wibaux County Katrina Johnson 796-2211
Powder River County Carol Hilliard 436-2321	Silver Bow County Ronnie Maurer 287-3215	Yellowstone County Valerie Roberson 657-6135
Powell County Glen Green 846-1703	Stillwater County Ted Nelson 322-5359	

Mountain Snow Water Equivalent



0 50 100 Miles

Current as of
January 1, 2008

NRCS Natural Resources
Conservation Service
<http://www.mt.nrcs.usda.gov>

**NOTE: Data used to generate
this map are PROVISIONAL and
SUBJECT TO CHANGE.**

Percent of Average by Sub-Basin

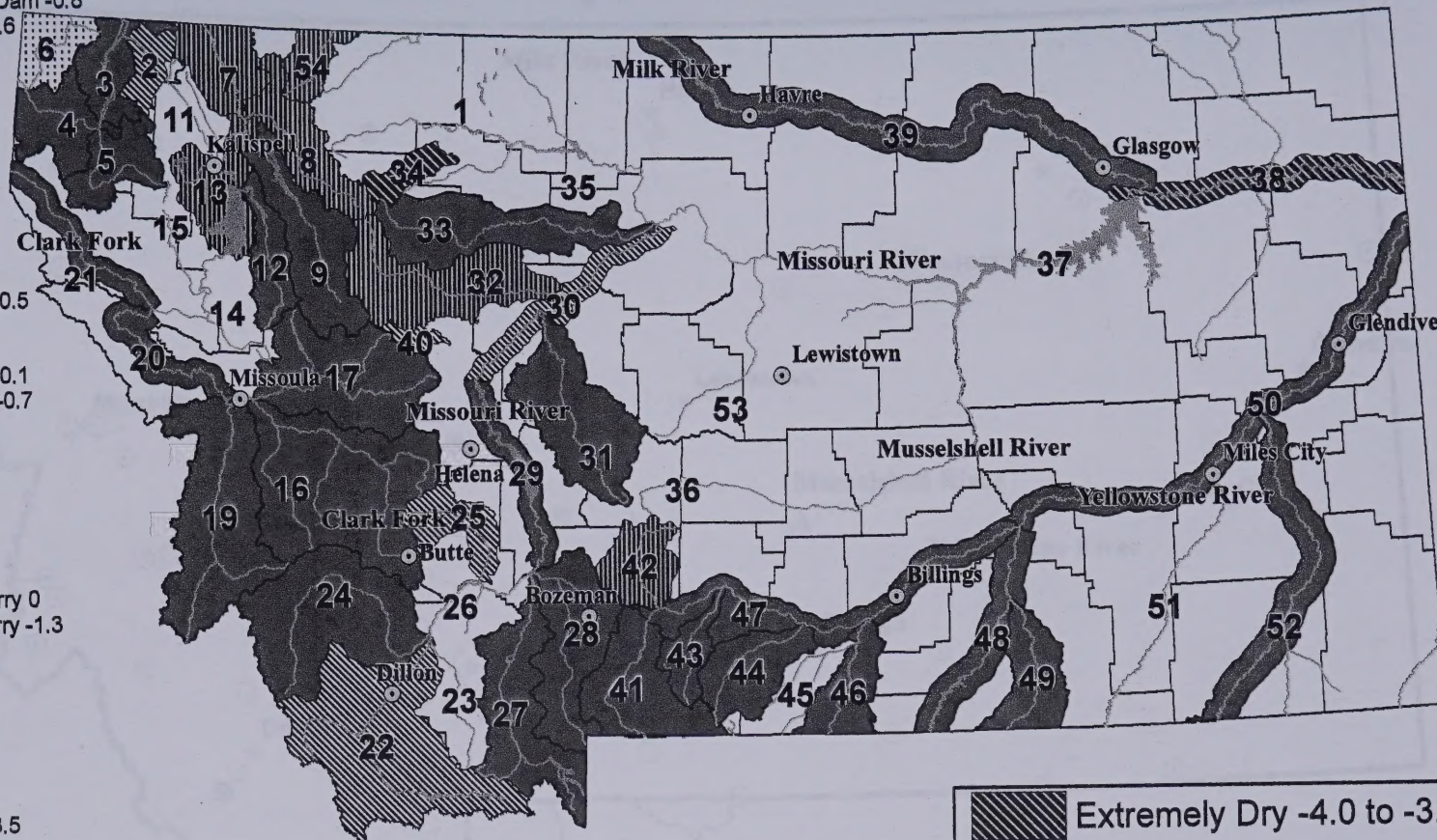
	Extremely Below Average (Below 51)
	Much Below Average (51 - 70)
	Below Average (71 - 90)
	Near Average (91 - 110)
	Above Average (111 - 130)
	Much Above Average (131 - 150)
	Extremely Above Average (Over 150)

Surface Water Supply Index (SWSI) Values

UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

- 1 Marias above Tiber Reservoir
- 2 Tobacco -1.2
- 3 Kootenai Ft. Steele to Libby Dam -0.8
- 4 Kootenai below Libby Dam 0.6
- 5 Fisher -0.4
- 6 Yaak 1
- 7 North FK. Flathead -2.2
- 8 Middle FK. Flathead -2
- 9 South FK. Flathead -0.2
- 11 Stillwater/Whitefish
- 12 Swan -0.8
- 13 Flathead at Polson -2
- 14 Mission Valley
- 15 Little Bitterroot
- 16 Clark Fork above Milltown -0.5
- 17 Blackfoot 0.2
- 19 Bitterroot 0.6
- 20 Clark Fork below Bitterroot 0.1
- 21 Clark Fork below Flathead -0.7
- 22 Beaverhead -1.1
- 23 Ruby
- 24 Big Hole 0.3
- 25 Boulder (Jefferson) -1.8
- 26 Jefferson
- 27 Madison 0.5
- 28 Gallatin 0.9
- 29 Missouri above Canyon Ferry 0
- 30 Missouri below Canyon Ferry -1.3
- 31 Smith -0.5
- 32 Sun -2.3
- 33 Teton -0.7
- 34 Birch/Dupuyer Creeks -3.9
- 35 Marias
- 36 Musselshell
- 37 Missouri above Fort Peck
- 38 Missouri below Fort Peck -3.5
- 39 Milk -0.4
- 40 Dearborn near Craig -1.3
- 41 Yellowstone above Livingston 0.8
- 42 Shields -2.4
- 43 Boulder (Yellowstone) -0.9
- 44 Stillwater 0.4
- 45 Rock/Red Lodge Creeks
- 46 Clarks Fork 0.9
- 47 Yellowstone above Bighorn 0.6
- 48 Bighorn below Bighorn Lake -0.6
- 49 Little Bighorn 0.2
- 50 Yellowstone below Bighorn 0.1
- 51 Tongue
- 52 Powder -0.2
- 53 Upper Judith River
- 54 Saint Mary River -2.8



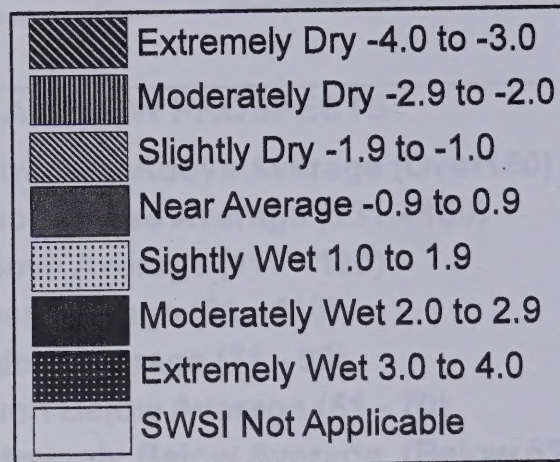
Current as of
January 1, 2008

0 45 90 Miles

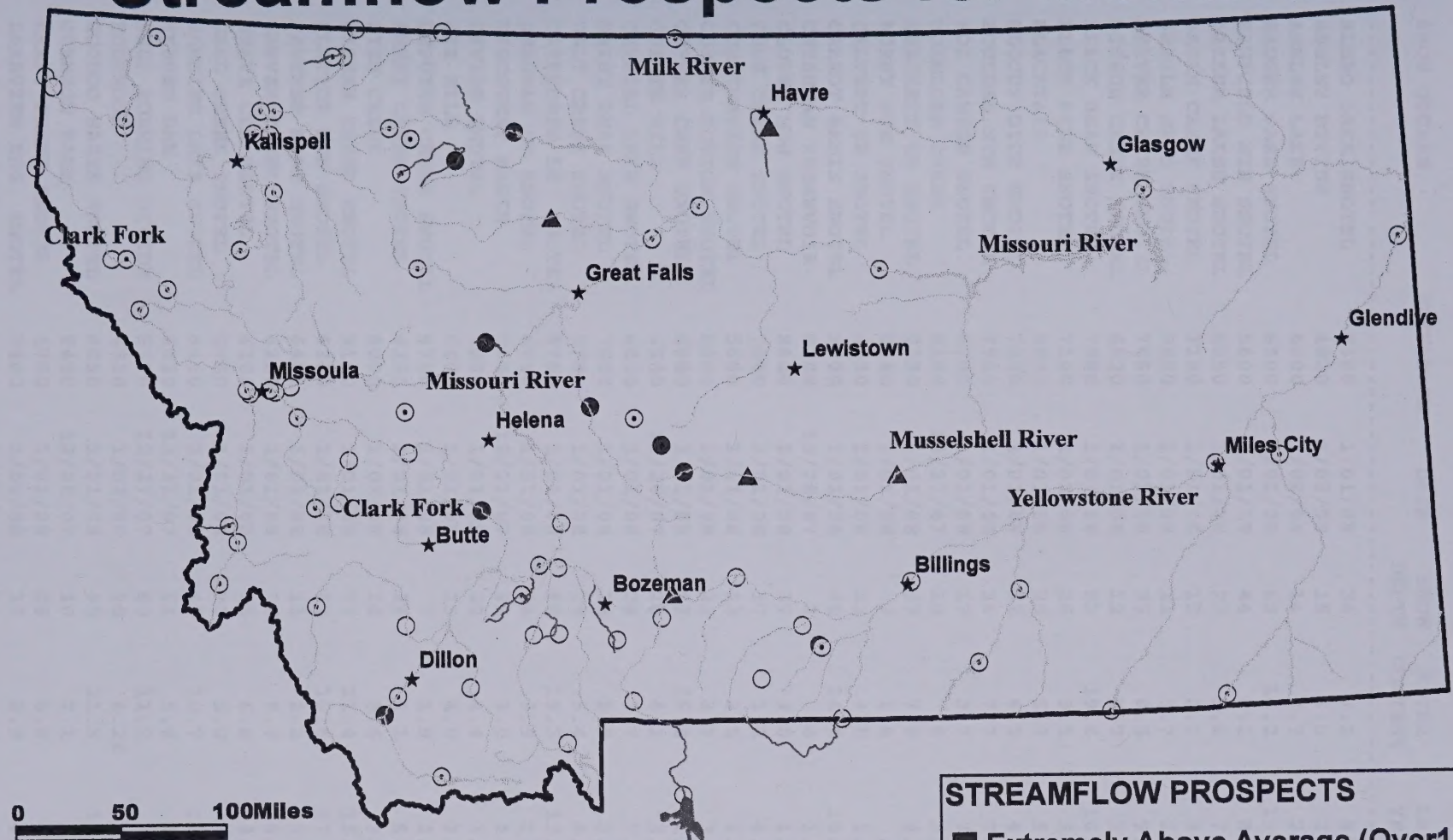
NOTE: Data used to generate
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NRCS Natural Resources
Conservation Service

<http://www.mt.nrcs.usda.gov>



Streamflow Prospects for Montana



Current as of
January 1, 2008

NRCS Natural Resources
Conservation Service
<http://www.mt.nrcs.usda.gov>

NOTE: Data used to generate
this map are **PROVISIONAL** and
SUBJECT TO CHANGE.

STREAMFLOW PROSPECTS

- Extremely Above Average (Over 150)
- Much Above Average (131 - 150)
- Above Average (111 - 130)
- Near Average (91 - 110)
- ⊙ Below Average (71 - 90)
- Much Below Average (51 - 70)
- ▲ Extremely Below Average (Below 51)

SNOTEL AND SNOW COURSE SUMMARY

JANUARY 2008

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
ALBRO LAKE SNOTEL	8300	1/01/08	34	7.1	8.0	9.6
ASHLEY DIVIDE	4820	1/03/08	15	3.0	2.4	3.4
ASHLEY LAKE	4000	1/02/08	14	2.7	2.4	2.6
BADGER PASS SNOTEL	6900	1/01/08	63	14.2	13.9	15.2
BANFIELD MTN SNOTEL	5600	1/01/08	44	8.1	8.9	9.0
BARKER LAKES SNOTEL	8250	1/01/08	27	5.6	7.5	6.7
BASIN CREEK SNOTEL	7180	1/01/08	13	2.1	3.9	3.7
BEAGLE SPGS SNOTEL	8850	1/01/08	21	3.7	2.9	3.7
BEAVER CREEK SNOTEL	7850	1/01/08	35	8.5	5.7	7.9
BISSON CREEK SNOTEL	4920	1/01/08	12	2.7	3.5	4.5
BLACK BEAR SNOTEL	7950	1/01/08	82	19.6	16.0	17.2
BLACK PINE SNOTEL	7100	1/01/08	26	5.1	3.6	5.2
BLACKTAIL	5650	1/03/08	23	5.3	5.9	6.8
BLOODY DICK SNOTEL	7550	1/01/08	31	6.0	4.6	5.6
BOULDER MTN SNOTEL	7950	1/01/08	36	7.7	7.7	9.1
BOX CANYON SNOTEL	6700	1/01/08	17	3.7	3.4	4.5
BOXELDER CREEK	5100	12/27/07	10	.4	2.8	3.4
BRACKETT CR SNOTEL	7320	1/01/08	37	7.8	4.3	8.9
BURNT MTN SNOTEL	5880	1/01/08	9	1.8	.9	2.7
CALVERT CR SNOTEL	6430	1/01/08	23	4.5	3.5	3.9
CARROT BASIN SNOTEL	9000	1/01/08	60	14.6	10.2	13.1
CHESSMAN RESERVOIR	6200	12/28/07	3	.4	1.8	1.5
CLOVER MDW SNOTEL	8800	1/01/08	37	9.0	4.8	8.1
COLE CREEK SNOTEL	7850	1/01/08	17	3.2	4.5	7.5
COMBINATION SNOTEL	5600	1/01/08	13	2.5	1.8	2.2
COPPER BOTTOM SNOTEL	5200	1/01/08	22	3.7	3.3	5.3
COPPER CAMP SNOTEL	6950	1/01/08	93	25.8	21.2	--
COYOTE HILL	4200	12/28/07	20	4.1	3.0	4.3
CRYSTAL LAKE SNOTEL	6050	1/01/08	26	3.7	7.2	5.4
DAISY PEAK SNOTEL	7600	1/01/08	18	2.9	2.4	4.7
DALY CREEK SNOTEL	5780	1/01/08	29	5.4	4.4	4.9
DARKHORSE LK. SNOTEL	8700	1/01/08	69	19.3	12.9	13.9
DEADMAN CR SNOTEL	6450	1/01/08	24	3.9	2.9	4.6
DISCOVERY BASIN	7050	12/31/07	21	3.0	4.0	4.2
DIVIDE SNOTEL	7800	1/01/08	22	4.4	3.1	4.8
DIX HILL	6400	1/01/08	19	4.0	3.1	4.5
DUPUYER CREEK SNOTEL	5750	1/01/08	7	1.9	2.3	4.4
EMERY CREEK SNOTEL	4350	1/01/08	25	5.1	5.8	7.0
FISH CREEK	8000	1/03/08	16	3.4	3.5	4.4
FISHER CREEK SNOTEL	9100	1/01/08	77	21.4	16.0	16.3
FLATTOP MTN SNOTEL	6300	1/01/08	82	18.6	17.2	21.4
FROHNER MDWS SNOTEL	6480	1/01/08	11	2.2	3.2	3.4
GARVER CREEK SNOTEL	4250	1/01/08	25	5.7	6.8	5.2
GRAVE CRK SNOTEL	4300	1/01/08	35	6.8	5.3	7.7
HAND CREEK SNOTEL	5030	1/01/08	20	5.0	5.3	5.9
HAWKINS LAKE SNOTEL	6450	1/01/08	42	10.7	12.6	12.4
HEBGEN DAM	6550	12/31/07	21	5.6	3.8	5.1
HELL ROARING DIVIDE	5770	12/27/07	50	11.9	7.7	13.4
HOLBROOK	4530	1/02/08	20	4.2E	2.9	4.2
HOODOO BASIN SNOTEL	6050	1/01/08	95	21.5	18.3	19.3
JOHNSON PARK	6450	12/28/07	10	2.1	1.2	2.8
KRAFT CREEK SNOTEL	4750	1/01/08	23	4.8	4.3	6.9
LAKEVIEW RDG. SNOTEL	7400	1/01/08	17	2.9	4.6	5.1
LEMHI RIDGE SNOTEL	8100	1/01/08	29	5.7	3.5	4.7
LICK CREEK SNOTEL	6860	1/01/08	20	3.2	4.1	5.3
LONE MOUNTAIN SNOTEL	8880	1/01/08	39	8.9	6.3	7.9
LOWER TWIN SNOTEL	7900	1/01/08	33	7.9	5.6	8.8
LUBRECHT SNOTEL	4680	1/01/08	9	2.1	2.5	2.6
MADISON PLT SNOTEL	7750	1/01/08	48	11.6	8.3	11.2
MANY GLACIER SNOTEL	4900	1/01/08	21	3.9	5.4	7.0

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
MARIAS PASS	5250	12/28/07	25	4.7E	7.1	7.3
MONUMENT PK SNOTEL	8850	1/01/08	44	10.8	8.7	9.9
MOSS PEAK SNOTEL	6780	1/01/08	51	12.3	16.8	16.8
MOULTON RESERVOIR	6850	1/03/08	15	2.2	2.1	3.5
MT LOCKHART SNOTEL	6400	1/01/08	37	8.9	8.4	9.5
MULE CREEK SNOTEL	8300	1/01/08	37	7.6	5.4	6.9
N.E. ENTRANCE SNOTEL	7350	1/01/08	17	3.0	3.7	5.0
NEVADA RIDGE SNOTEL	7020	1/01/08	32	6.3	5.2	6.8
NEZ PERCE CMP SNOTEL	5650	1/01/08	30	5.9	4.7	6.1
N.F. ELK CR SNOTEL	6250	1/01/08	17	3.4	4.9	5.1
NF JOCKO SNOTEL	6330	1/01/08	69	14.3	12.0	19.4
NOISY BASIN SNOTEL	6040	1/01/08	57	13.3	13.0	19.8
OPHIR PARK	7150	1/01/08	22	4.6	4.4	6.6
PETERSON MDW SNOTEL	7200	1/01/08	18	3.4	4.4	4.4
PICKFOOT CRK SNOTEL	6650	1/01/08	19	3.5	3.8	5.2
PIKE CREEK SNOTEL	5930	1/01/08	58	10.7	10.7	12.0
PIPESTONE PASS	7200	12/28/07	8	1.3	1.1	2.2
PLACER BASIN SNOTEL	8830	1/01/08	38	7.9	7.2	8.7
POORMAN CR SNOTEL	5100	1/01/08	67	14.7	13.8	13.4
PORCUPINE SNOTEL	6500	1/01/08	10	1.7	1.1	2.8
ROCKER PEAK SNOTEL	8000	1/01/08	24	4.2	5.8	6.4
ROCKY BOY SNOTEL	4700	1/01/08	6	.5	1.9	2.2
SACAJAWEA SNOTEL	6550	1/01/08	23	5.2	2.9	5.1
SADDLE MTN SNOTEL	7900	1/01/08	58	12.1	8.9	11.7
S.F. SHIELDS SNOTEL	8100	1/01/08	23	4.0	3.1	7.5
SHORT CREEK SNOTEL	7000	1/01/08	12	2.6	2.0	2.9
SHOWER FALLS SNOTEL	8100	1/01/08	45	10.5	9.0	10.1
SKALKAHO SNOTEL	7260	1/01/08	55	11.6	9.1	10.3
SLEEPING WOMAN SNTL	6150	1/01/08	35	7.5	6.7	6.9
SPOTTED BEAR MTN.	7000	1/02/08	21	4.1	5.0	6.9
SPUR PARK SNOTEL	8100	1/01/08	41	8.1	7.2	10.0
STAHL PEAK SNOTEL	6030	1/01/08	83	19.3	12.9	17.1
STORM LAKE	7780	12/31/07	23	4.7	5.7	5.5
STUART MOUNTAIN SNTL	7400	1/01/08	67	14.7	14.7	15.1
TAYLOR ROAD	4080	12/27/07	9	.4	2.0	1.8
TEN MILE LOWER	6600	12/28/07	10	1.6	2.5	3.0
TEN MILE MIDDLE	6800	12/28/07	14	2.6	2.8	4.6
TEPEE CREEK SNOTEL	8000	1/01/08	30	6.9	5.8	6.0
TIZER BASIN SNOTEL	6840	1/01/08	8	2.3	6.1	4.8
TRINKUS LAKE	6100	1/02/08	65	17.0	15.1	19.4
TRUMAN CREEK	4060	12/31/07	14	2.6	2.8	2.0
TV MOUNTAIN	6800	1/02/08	34	6.9	6.5	7.7
TWELVEMILE SNOTEL	5600	1/01/08	46	9.4	5.6	7.5
TWENTY-ONE MILE	7150	12/30/07	29	5.7	5.2	7.3
TWIN LAKES SNOTEL	6400	1/01/08	91	20.1	15.8	17.5
UPPER HOLLAND LAKE	6200	1/02/08	54	11.8	10.5	15.2
WALDRON SNOTEL	5600	1/01/08	16	3.2	5.1	5.2
WARM SPRINGS SNOTEL	7800	1/01/08	42	9.3	9.4	9.4
WEASEL DIVIDE	5450	12/27/07	49	11.5	12.9	15.2
WEST YELL'ST SNOTEL	6700	1/01/08	27	5.3	4.2	5.9
WHISKEY CREEK SNOTEL	6800	1/01/08	33	6.9	5.4	7.5
WHITE MILL SNOTEL	8700	1/01/08	52	13.2	9.5	11.1
WOOD CREEK SNOTEL	5960	1/01/08	14	2.6	4.4	4.2

Montana Water Supply Outlook Report as of January 1, 2008

The snowfall season so far has been quite variable, with storms tracking mostly west of the divide and across mountains in the southern portions of south west and south central Montana. State-wide mountain snowpack is near average and above last year. The snow water content on January 1 represents about 40 to 45 percent of the seasonal snowfall, so there remains more than half of the snowfall season remaining. Mountain precipitation for December west of the Divide was 123 percent of average and east of the Divide was 109 percent of average.

Snowpack

Mountain snow water content state-wide was 91 percent of average and 111 percent of last year. West of the Continental Divide, mountain snow water content was 90 percent of average and 106 percent of last year and east of the Continental Divide, was 90 percent of average and 114 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	90	106
KOOTENAI	94	101
FLATHEAD	83	104
UPPER CLARK FORK	83	103
BITTERROOT	111	132
LOWER CLARK FORK	107	112
MISSOURI	88	108
MISSOURI HEADWATERS	96	121
JEFFERSON	93	115
MADISON	102	130
GALLATIN	98	135
MISSOURI MAINSTEM	70	83
HEADWATERS MAINSTEM	69	78
SMITH-JUDITH-MUSSELSHELL ..	74	96
SUN-TETON-MARIAS	80	89
MILK (Bearpaw Mtns)	18	19
ST. MARY	79	100
ST. MARY & MILK	66	81
YELLOWSTONE	94	124
UPPER YELLOWSTONE	98	127
LOWER YELLOWSTONE	89	121
STATE-WIDE	91	111

Precipitation

December mountain and valley precipitation across the state was 109 percent of average and 150 percent of last year, while the water year precipitation was 100 percent of average and 85 percent of last year.

West of the Continental Divide, December mountain and valley precipitation was 121 percent of average and 167 percent of last year and the water year precipitation was 101 percent of average and 83 percent of last year. East of the Divide, December mountain and valley precipitation was 97 percent of average and 133 percent of last year and the water year precipitation was 100 percent of average and 87 percent of last year.

RIVER BASIN	DECEMBER % OF AVERAGE	WATER YEAR % OF AVERAGE
COLUMBIA	121	101
KOOTENAI	134	110
FLATHEAD	113	88
UPPER CLARK FORK	96	95
BITTERROOT	141	121
LOWER CLARK FORK	148	116
MISSOURI	101	102
JEFFERSON	116	110
MADISON	123	114
GALLATIN	120	117
MISSOURI MAINSTEM	53	84
SMITH-JUDITH-MUSSELSHELL	60	88
SUN-TETON-MARIAS	117	98
MILK	59	56
ST. MARY	106	85
YELLOWSTONE	103	111
UPPER YELLOWSTONE	101	115
LOWER YELLOWSTONE	106	106
STATE-WIDE	109	100

Reservoirs

Major reservoir storages statewide were 78 percent of average and 97 percent of last year.

Reservoir storage west of the Continental Divide was 113 percent of average and 94 percent of last year. East of the Continental Divide, reservoir storages were 66 percent of average and 99 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	113	94
KOOTENAI	121	100
FLATHEAD	111	90
UPPER CLARK FORK	---	---
BITTERROOT	---	---
LOWER CLARK FORK	102	99
MISSOURI	64	98
JEFFERSON	65	78
MADISON	104	93
GALLATIN	---	---
MISSOURI MAINSTEM	62	100
SMITH-JUDITH-MUSSELSHELL	---	---
SUN-TETON-MARIAS	86	85
MILK	76	95
ST. MARY	77	50
YELLOWSTONE	100	115
UPPER YELLOWSTONE	---	---
LOWER YELLOWSTONE	---	---
STATE-WIDE	78	97

Streamflow

Across Montana, streamflows are forecast to average between 68 and 82 percent, for the period April 1 through July 31. West of the Continental Divide, streamflows are forecast to average between 77 and 88 percent and east of the Continental Divide, streamflows are forecast to average between 62 and 78 percent.

Below are the River Basin streamflow forecasts for the period April 1 through July 31. THESE FORECASTS ASSUME NEAR NORMAL MOISTURE AND RUNOFF CONDITIONS JANUARY THROUGH JULY AND DO NOT ACCOUNT FOR WELL BELOW AVERAGE (70% or less) OR ABOVE AVERAGE (110% or more) SNOWMELT OR SPRING RAIN.

RIVER BASIN	April-July THIS YEAR		April-July LAST YEAR	
	% OF AVERAGE		% OF AVERAGE	
COLUMBIA	77	to 88	82	to 96
KOOTENAI	81	to 92	91	to 105
FLATHEAD	76	to 84	85	to 95
UPPER CLARK FORK	73	to 89	76	to 93
BITTERROOT	73	to 87	82	to 96
LOWER CLARK FORK	83	to 90	83	to 97
MISSOURI	57	to 74	61	to 84
JEFFERSON	56	to 78	54	to 76
MADISON	86	to 95	78	to 88
GALLATIN	88	to 99	78	to 90
MISSOURI MAINSTEM	69	to 83	77	to 88
SMITH-JUDITH-MUSSELSHELL .	36	to 51	41	to 67
SUN-TETON-MARIAS	53	to 67	70	to 95
MILK	47	to 72	46	to 98
ST. MARY	70	to 79	88	to 96
YELLOWSTONE	74	to 87	67	to 80
UPPER YELLOWSTONE	79	to 90	75	to 88
LOWER YELLOWSTONE	66	to 82	55	to 68
STATE-WIDE	68	to 82	70	to 87

NOTE: The APRIL-JULY LAST YEAR % OF AVERAGE column above, is what was forecast last year, not what actually occurred.

Surface Water Supply Index

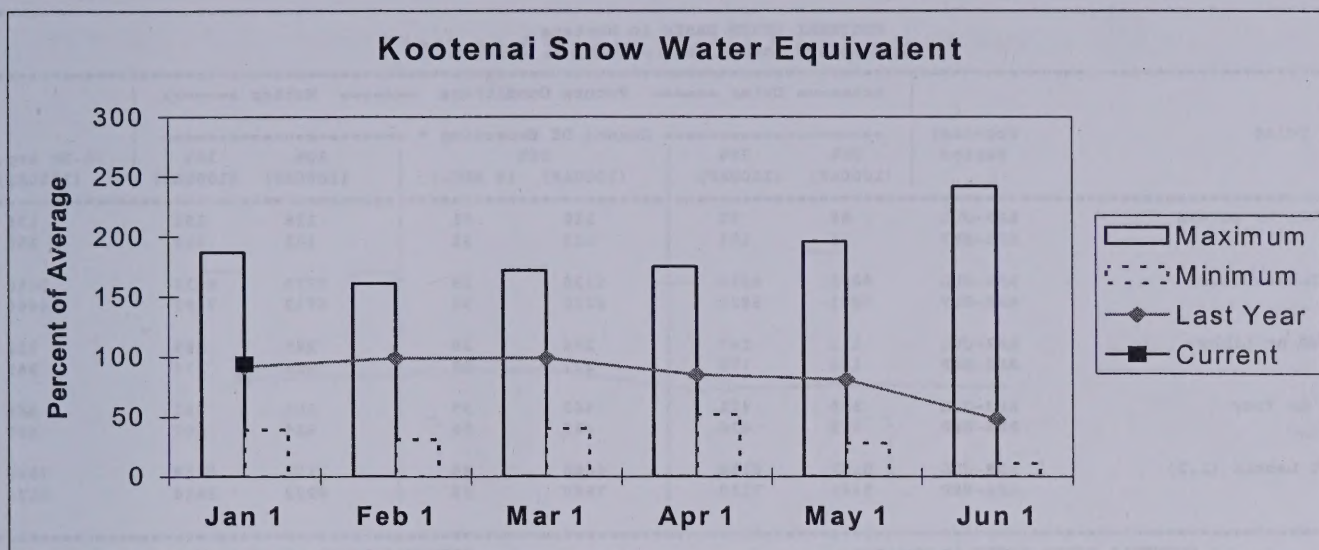
The Surface Water Supply Index (SWSI) is a measure of available surface water availability for the spring and summer months. Water users that rely on mountain precipitation can use the index to evaluate seasonal surface water supplies. The SWSI accounts for mountain snowpack, mountain precipitation, streamflow, reservoir storage, and soil moisture.

SWSI RATING	SURFACE WATER CONDITION
+3.0 to +4.0	Extremely Wet
+2.0 to +3.0	Moderately Wet
+1.0 to +2.0	Slightly Wet
-1.0 to +1.0	Near Average
-1.0 to -2.0	Slightly Dry
-2.0 to -3.0	Moderately Dry
-3.0 to -4.0	Extremely Dry

This year SWSI	Last year SWSI	Basin
-1.2	-0.1	Tobacco River
-0.8	+1.5	Kootenai Ft. Steele to Libby Dam
+0.6	+1.8	Kootenai River below Libby Dam
-0.4	+0.5	Fisher River
+1.0	+2.7	Yaak River
-2.2	+0.6	North Fork Flathead River
-2.0	+0.4	Middle FORK Flathead River
-0.2	+1.8	South Fork Flathead River
-1.2	+1.2	Flathead River at Columbia Falls
-0.8	-1.4	Swan River
-2.0	+1.0	Flathead River at Polson
----	+1.4	Mission Valley
----	+0.2	Little Bitterroot River
-0.5	+1.0	Clark Fork River above Milltown
+0.2	+0.2	Blackfoot River
+0.6	+0.6	Bitterroot River
+0.1	+0.5	Clark Fork River below Bitterroot River
-0.7	+0.8	Clark Fork River below Flathead River
-1.1	-1.1	Beaverhead River
----	----	Ruby River
+0.3	-0.1	Big Hole River
-1.8	+0.4	Boulder River (Jefferson)
----	----	Jefferson River
+0.5	-0.5	Madison River
+0.9	-0.7	Gallatin River
0.0	-0.1	Missouri River above Canyon Ferry
-1.3	-1.3	Missouri River below Canyon Ferry
-0.5	+0.9	Smith River
-2.3	+0.3	Sun River
-0.7	+0.4	Teton River
-3.9	-2.6	Birch/Dupuyer Creeks
----	+2.1	Upper Judith River
----	-0.4	Marias River above Tiber
----	+0.9	Marias River below Tiber
----	----	Musselshell River
----	----	Missouri River above Ft. Peck
-3.5	-3.8	Missouri River below Ft. Peck
-2.8	+1.0	St. Mary River
-0.4	+0.1	Milk River
-1.3	-0.1	Dearborn River near Craig
+0.8	+0.4	Yellowstone River above Livingston
-2.4	-1.2	Shields River
-0.9	+0.2	Boulder River (Yellowstone)
+0.4	-0.8	Stillwater River
----	-1.3	Rock/Red Lodge Creeks
+0.9	-1.2	Clarks Fork River
+0.6	-0.1	Yellowstone River above Bighorn River
-0.6	-2.1	Bighorn River below Bighorn Lake
+0.2	-0.3	Little Bighorn River
+0.1	-1.0	Yellowstone River below Bighorn River
----	----	Tongue River
-0.2	-2.0	Powder River

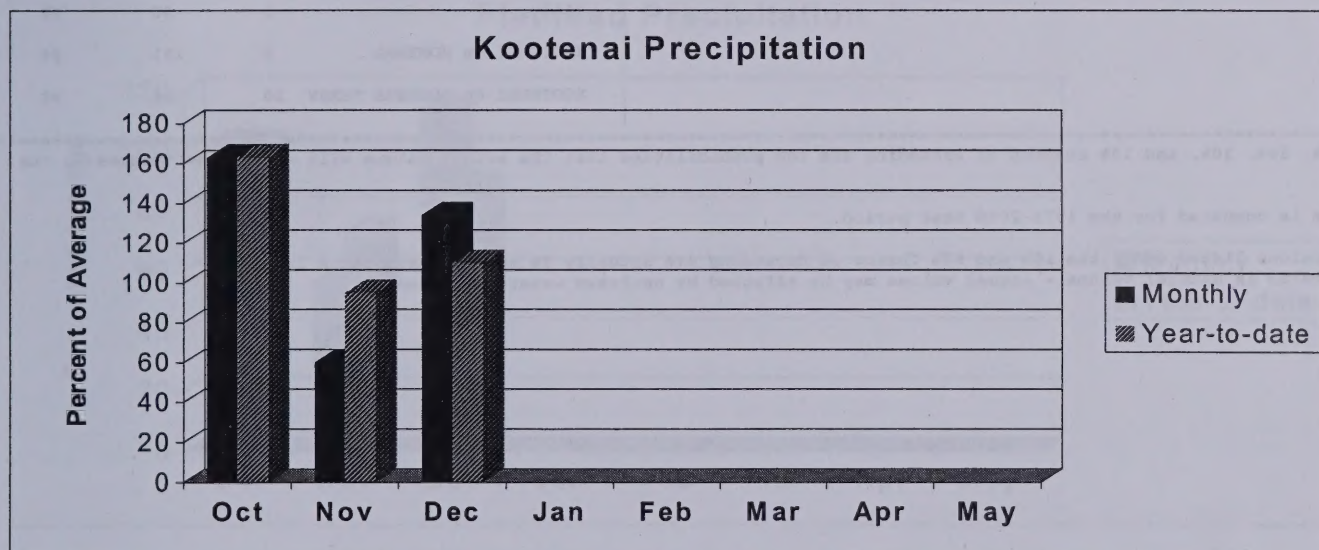
Kootenai River Basin in Montana

Snowpack conditions in the Kootenai River Basin were near average. Snow water content was 94 percent of average and 101 percent of last year.



January maximum swe was established in 1997 and minimum was in 1977; February maximum swe was in 1997 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 1977; April maximum swe was in 1974 and minimum swe was in 1977 and 2005; May maximum swe was in 1974 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during December was 139 percent of average and 196 percent of last year. Valley precipitation during December was 96 percent of average and 154 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 110 percent of average and 82 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 81 percent to 92 percent.

Lake Koocanusa storage was 121 percent of average and 100 percent of last year.

Surface Water Supply Index (SWSI) was -1.2 in the Tobacco River; -0.8 in the Kootenai Ft. Steele to Libby Dam; +0.6 in the Kootenai River below Libby Dam; -0.4 in the Fisher River; and +1.0 in the Yaak River.

KOOTENAI RIVER BASIN in Montana
Streamflow Forecasts - January 1, 2008

		<<----- Drier ----- Future Conditions ----- Wetter ----->>						
Forecast Point	Forecast Period	Chance Of Exceeding *						30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
=====								
TOBACCO RIVER nr Eureka	APR-JUL	66	92	110	81	128	154	136
	APR-SEP	75	103	122	81	141	169	150
LIBBY RES Inflow (1,2)	APR-JUL	4049	4930	5330	95	5730	6611	5640
	APR-SEP	4831	5821	6270	94	6719	7709	6640
FISHER RIVER nr Libby	APR-JUL	111	167	205	89	243	299	230
	APR-SEP	120	178	217	89	256	314	245
YAAK RIVER nr Troy	APR-JUL	339	411	460	99	509	581	465
	APR-SEP	363	436	485	99	534	607	490
KOOTENAI at Leonia (1,2)	APR-JUL	5182	6198	6660	95	7122	8138	7040
	APR-SEP	5946	7138	7680	95	8222	9414	8120

KOOTENAI RIVER BASIN in Montana
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
LAKE KOOCANUSA	NO REPORT				KOOTENAY in CANADA	11	72	84
					KOOTENAI MAINTSTEM	3	96	95
					TOBACCO	3	121	94
					FISHER	1	94	85
					YAAK	2	85	93
					KOOTENAI in MONTANA	9	101	94
					KOOTENAI ab BONNERS FERRY	20	86	90

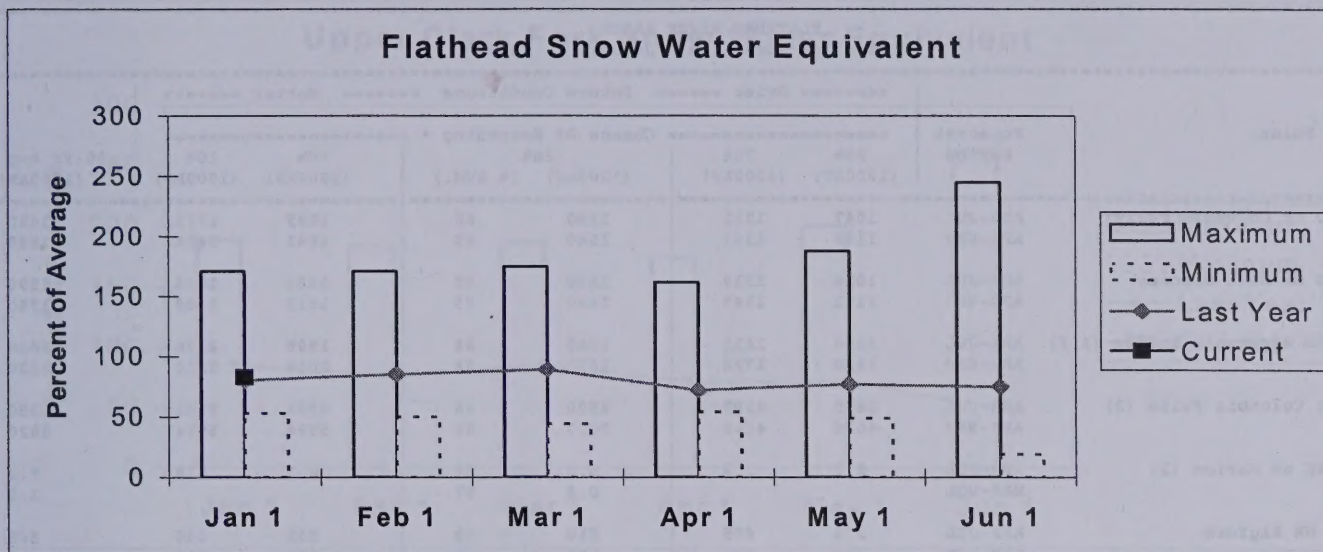
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

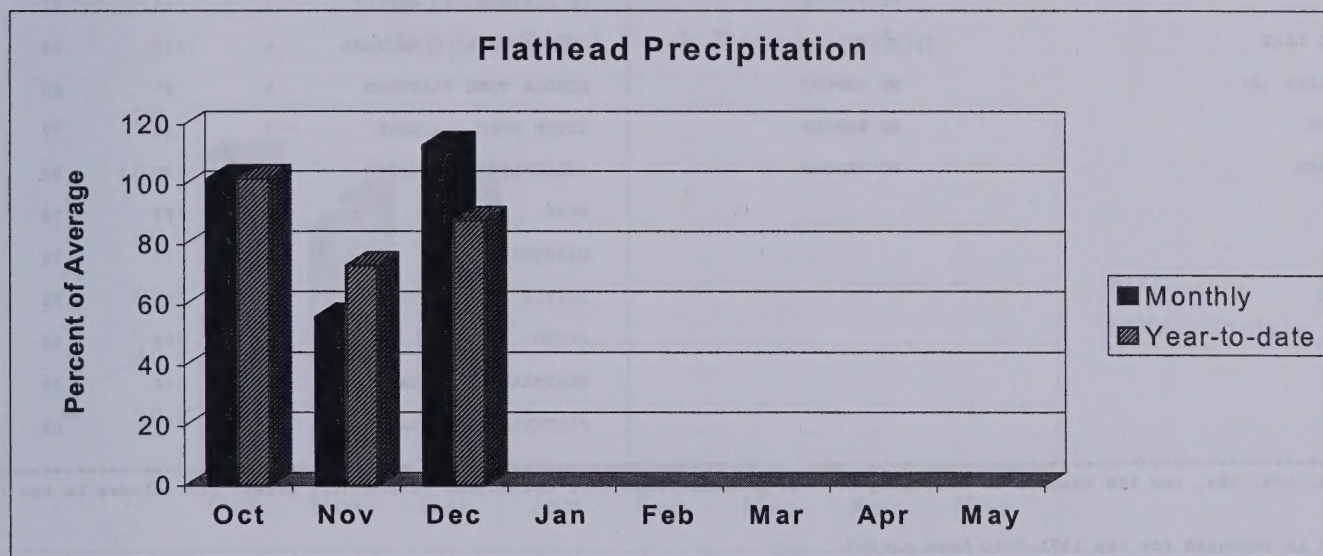
Flathead River Basin

Snowpack conditions in the Flathead River Basin were below average. Snow water content was 83 percent of average and 104 percent of last year.



January maximum swe was established in 1997 and minimum was in 2001; February maximum swe was in 1997 and minimum was in 2001; March maximum swe was in 1972 and minimum was in 2005; April maximum swe was in 1972 and minimum was in 2005; May maximum swe was in 1972 and minimum was in 1992; and June maximum swe was in 1974 and minimum was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during December was 113 percent of average and 169 percent of last year. Valley precipitation during December was 117 percent of average and 139 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 88 percent of average and 78 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 76 percent to 84 percent.

Combined Camas reservoir storage was not available; Lower Jocko Lake was not available; combined Mission Valley reservoir storage was not available; Hungry Horse storage was at 111 percent of average and 90 percent of last year; and Flathead Lake storage was 97 percent of average and 86 percent of last year.

Surface Water Supply Index (SWSI) was -2.2 in the North Fork Flathead River; -2.0 in the Middle Fork Flathead River; -0.2 in the South Fork Flathead River; -1.2 in the Flathead River at Columbia Falls; -0.8 in the Swan River; -2.0 in the Flathead River at Polson; data not available in the Mission Valley; and data not available in the Little Bitterroot River.

FLATHEAD RIVER BASIN
Streamflow Forecasts - January 1, 2008

		Future Conditions						
		<<----- Drier -----		----- Wetter ----->>				
Forecast Point	Forecast Period	Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
NF FLATHEAD nr Columbia Falls	APR-JUL	1047	1251	1390	86	1529	1733	1620
	APR-SEP	1186	1397	1540	86	1683	1894	1800
MF FLATHEAD nr West Glacier	APR-JUL	1026	1219	1350	85	1481	1674	1590
	APR-SEP	1151	1347	1480	85	1613	1809	1740
HUNGRY HORSE Reservoir Inflow (1,2)	APR-JUL	1296	1615	1760	88	1905	2224	2000
	APR-SEP	1410	1726	1870	88	2014	2330	2120
FLATHEAD at Columbia Falls (2)	APR-JUL	3619	4197	4590	86	4983	5561	5350
	APR-SEP	4026	4606	5000	86	5394	5974	5820
ASHLEY CREEK nr Marion (2)	APR-JUL	2.2	3.9	5.0	69	6.1	7.8	7.2
	MAR-VOL			0.6	57			1.1
SWAN RIVER NR Bigfork	APR-JUL	374	455	510	90	565	646	565
	APR-SEP	438	522	580	90	638	722	645
FLATHEAD LAKE Inflow (1,2)	APR-JUL	4807	5167	5330	86	5493	5853	6180
	APR-SEP	5222	5606	5780	86	5954	6338	6700

FLATHEAD RIVER BASIN
Reservoir Storage (1000 AF) - End of December

FLATHEAD RIVER BASIN
Watershed Snowpack Analysis - January 1, 2008

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
CAMAS (4)		NO REPORT			NF FLATHEAD in CANADA	1	64	82
LOWER JOCKO LAKE		NO REPORT			NF FLATHEAD in MONTANA	6	117	88
MISSION VALLEY (8)		NO REPORT			MIDDLE FORK FLATHEAD	5	97	85
HUNGRY HORSE		NO REPORT			SOUTH FORK FLATHEAD	6	106	77
FLATHEAD LAKE		NO REPORT			STILLWATER-WHITEFISH	4	127	89
					SWAN	6	103	75
					MISSION VALLEY	3	77	72
					LITTLE BITTERROOT-ASHLEY	4	101	92
					JOCKO	4	109	88
					FLATHEAD in MONTANA	27	104	83
					FLATHEAD RIVER BASIN	28	103	83

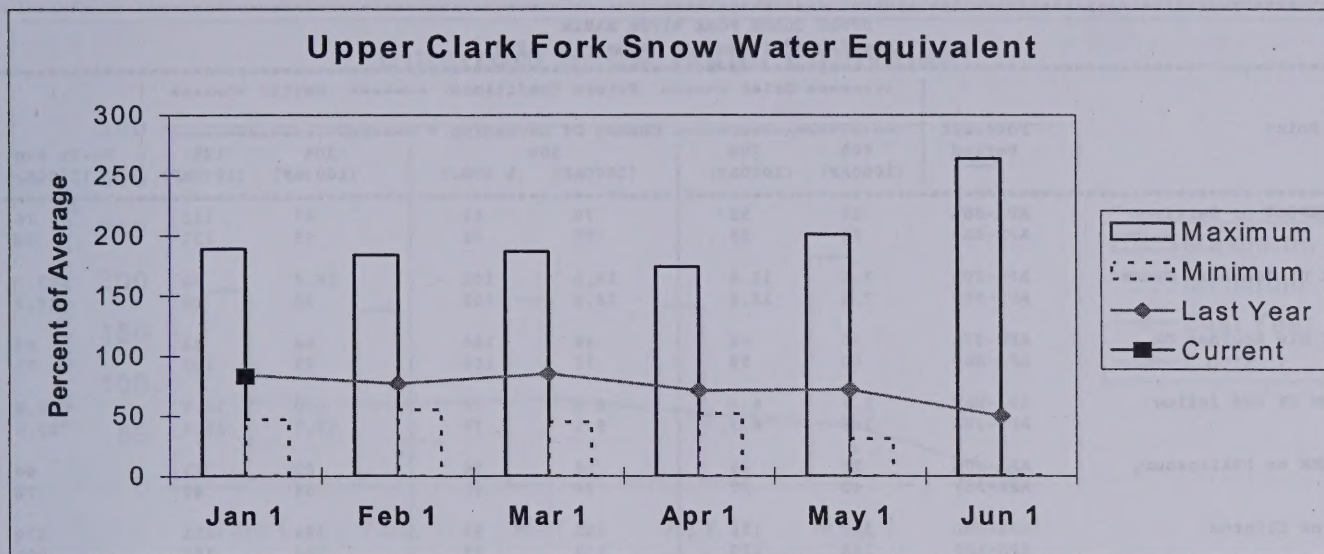
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The average is computed for the 1971-2000 base period.

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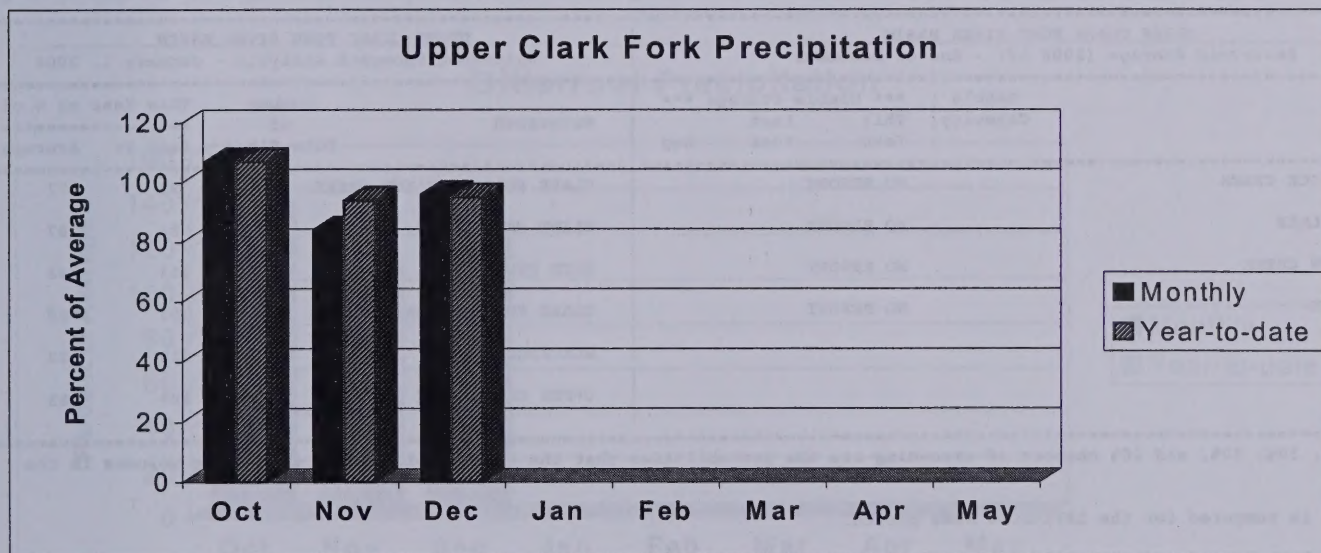
Upper Clark Fork River Basin

Snowpack conditions in the Upper Clark Fork River Basin were below average. Snow water content was 83 percent of average and 103 percent of last year. Basin Creek snow water content is sixth lowest of record.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during December was 99 percent of average and 139 percent of last year. Valley precipitation during December was 70 percent of average and 92 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 95 percent of average and 80 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 73 percent to 89 percent.

East Fork Rock Creek storage was not available; Georgetown Lake was 103 percent of average and 97 percent of last year; Lower Willow Creek storage was not available; and Nevada Creek storage was not available.

Surface Water Supply Index (SWSI) was -0.5 in the Clark Fork River above Milltown; and +0.2 in the Blackfoot River.

UPPER CLARK FORK RIVER BASIN
Streamflow Forecasts - January 1, 2008

		<<----- Drier ----- Future Conditions ----- Wetter ----->>						
Forecast Point	Forecast Period	Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
=====								
LITTLE BLACKFOOT nr Garrison	APR-JUL	28	53	70	92	87	112	76
	APR-SEP	33	59	77	92	95	121	84
FLINT CREEK nr Southern Cross	APR-JUL	7.6	11.4	14.0	102	16.6	20	13.7
	APR-SEP	7.4	12.8	16.5	102	20	26	16.2
FLINT CREEK blw Boulder Ck	APR-JUL	30	46	56	100	66	82	56
	APR-SEP	40	59	71	100	83	102	71
LOWER WILLOW CK RES Inflow	APR-MAY	1.7	4.4	6.2	76	8.0	10.7	8.2
	APR-JUL	1.6	6.3	9.5	76	12.7	17.4	12.5
MF ROCK CREEK nr Philipsburg	APR-JUL	35	46	54	84	62	73	64
	APR-SEP	40	52	60	83	68	80	72
ROCK CREEK nr Clinton	APR-JUL	129	186	225	83	264	321	270
	APR-SEP	148	210	252	83	294	356	305
CLARK FORK abv Milltown	APR-JUL	354	447	510	84	573	666	605
	APR-SEP	424	526	595	84	664	766	705
NEVADA CREEK nr Helmville	APR-MAY	3.8	7.1	9.3	90	11.5	14.8	10.3
	APR-JUL	6.7	11.9	15.5	90	19.1	24	17.3
BLACKFOOT RIVER nr Bonner	APR-JUL	429	608	730	91	852	1031	805
	APR-SEP	497	683	810	91	937	1123	890
CLARK FORK abv Missoula	APR-JUL	939	1118	1240	88	1362	1541	1410
	APR-SEP	1088	1280	1410	88	1540	1732	1600

UPPER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage ***		
		This Year	Last Year	Avg
EAST FORK ROCK CREEK		NO REPORT		
GEORGETOWN LAKE		NO REPORT		
LOWER WILLOW CREEK		NO REPORT		
NEVADA CREEK		NO REPORT		

UPPER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - January 1, 2008

Watershed	Number of Data Sites	This Year as % of	
		Last Yr	Average
CLARK FORK ab FLINT CREEK	10	91	77
FLINT CREEK	5	96	87
ROCK CREEK	3	103	98
CLARK FORK ab BLACKFOOT	15	99	85
BLACKFOOT	9	112	82
UPPER CLARK FORK BASIN	22	103	83

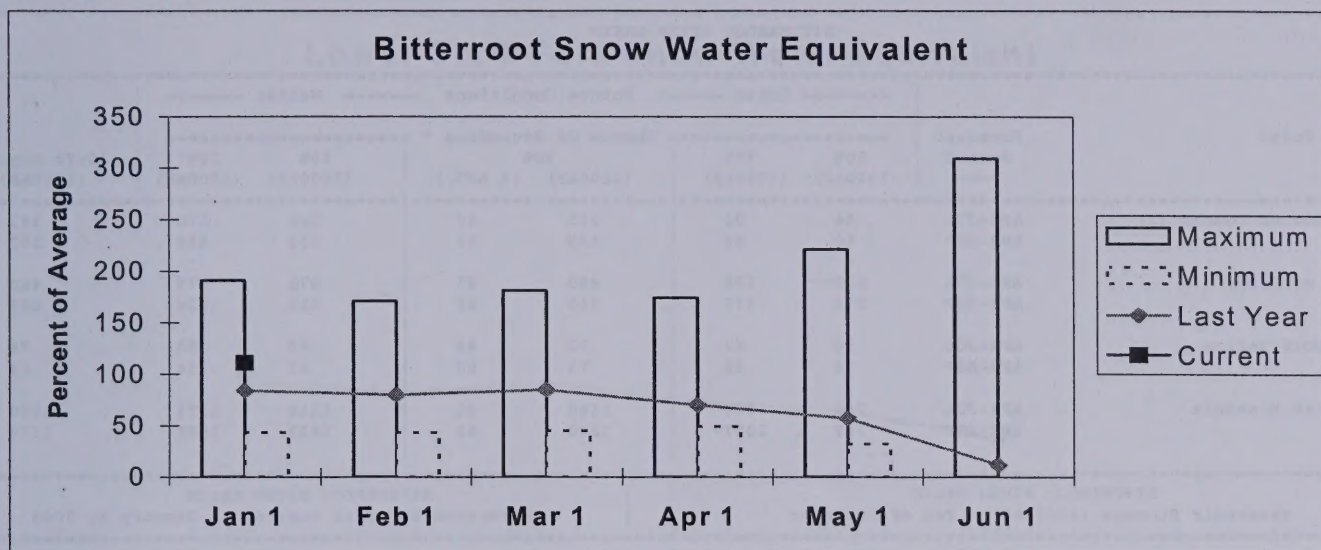
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The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
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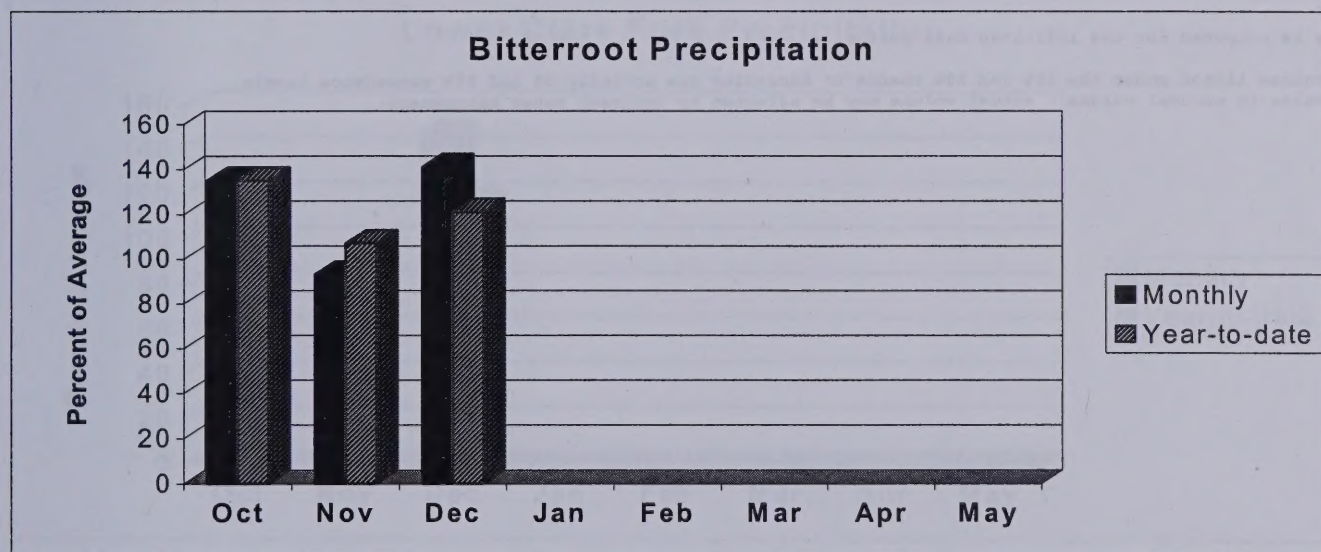
Bitterroot River Basin

Snowpack conditions in the Bitterroot River Basin were above average. Snow water content was 111 percent of average and 132 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum was in 1977; March maximum swe was in 1972 and minimum swe was in 1977 and 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1987; and June maximum swe was 1972 and 1974 and 1974 and minimum swe was in 1987, 1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain precipitation during December was 140 percent of average and 166 percent of last year. Valley precipitation during December was 151 percent of average and 195 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 121 percent of average and 99 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 73 percent to 87 percent.

Painted Rocks Lake storage was not available and Como storage was 115 percent of average and 51 percent of last year.

Surface Water Supply Index (SWSI) was +0.6 in the Bitterroot River.

BITTERROOT RIVER BASIN
Streamflow Forecasts - January 1, 2008

		<<===== Drier ===== Future Conditions ===== Wetter =====>>						
Forecast Point	Forecast Period	Chance Of Exceeding *						30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
WF BITTERROOT nr Conner (2)	APR-JUL	54	90	115	80	140	176	143
	APR-SEP	60	99	125	80	151	190	157
BITTERROOT nr Darby	APR-JUL	225	329	400	87	471	575	460
	APR-SEP	274	376	445	86	514	616	515
COMO RESERVOIR Inflow	APR-JUL	50	62	70	90	78	90	78
	APR-SEP	54	66	74	90	82	94	82
BITTERROOT at Missoula	APR-JUL	706	964	1140	91	1316	1574	1250
	APR-SEP	789	1057	1240	91	1423	1691	1370

BITTERROOT RIVER BASIN Reservoir Storage (1000 AF) - End of December					BITTERROOT RIVER BASIN Watershed Snowpack Analysis - January 1, 2008		
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of Last Yr Average
		This Year	Last Year	Avg			
PAINTED ROCKS LAKE		NO REPORT			WEST FORK BITTERROOT	2	132
COMO	34.9	10.2	19.9	8.9	EAST SIDE BITTERROOT	3	130
					WEST SIDE BITTERROOT	3	134
					BITTERROOT RIVER BASIN	7	132

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

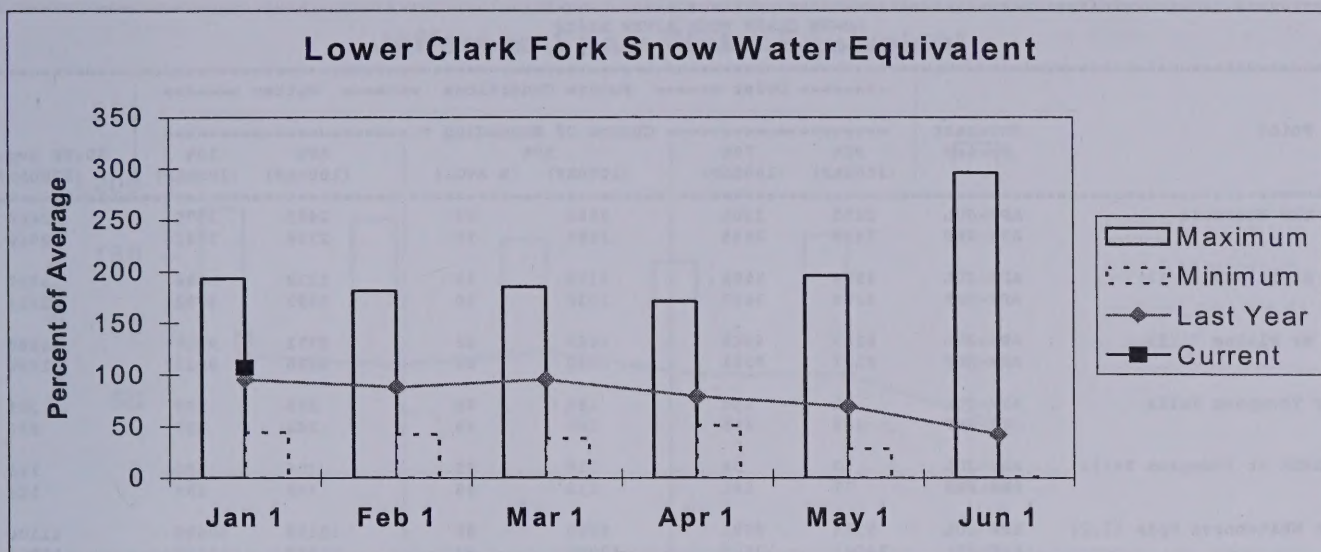
The average is computed for the 1971-2000 base period.

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- (2) - The value is natural volume - actual volume may be affected by upstream water management.

Lower Clark Fork River Basin

Snowpack conditions in the Lower Clark Fork River Basin were near average. Snow water content was 107 percent of average and 112 percent of last year.

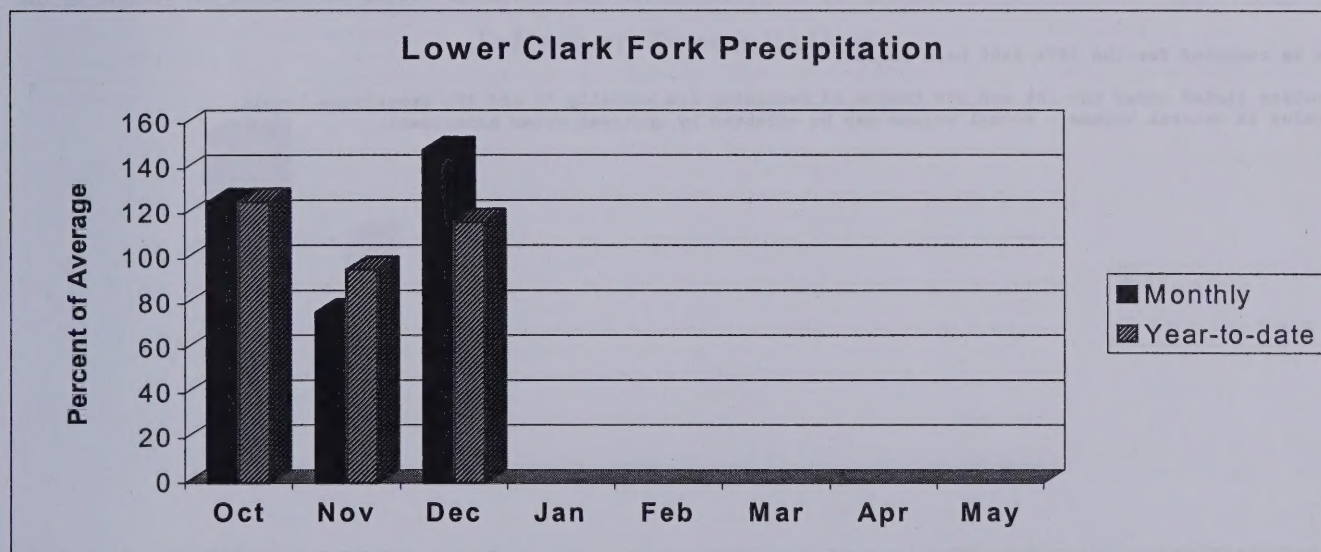
Lower Clark Fork Snow Water Equivalent



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1977. Average is for the period 1971 through 2000.

Mountain precipitation during December was 148 percent of average and 202 percent of last year. Valley precipitation during December was 151 percent of average and 226 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 116 percent of average and 90 percent of last year.

Lower Clark Fork Precipitation



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 83 percent to 90 percent.

Noxon Rapids storage was 102 percent of average and 99 percent of last year.

Surface Water Supply Index (SWSI) was +0.1 in the Clark Fork River below Bitterroot River and -0.7 in the Clark Fork River below Flathead River.

LOWER CLARK FORK RIVER BASIN
Streamflow Forecasts - January 1, 2008

		<<----- Drier ----- Future Conditions ----- Wetter ----->>						
Forecast Point	Forecast Period	Chance Of Exceeding *						30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
CLARK FORK blw Missoula	APR-JUL	2185	2301	2380	90	2459	2575	2660
	APR-SEP	2438	2564	2650	90	2736	2862	2960
CLARK FORK at St. Regis (1)	APR-JUL	2954	3102	3170	90	3238	3386	3520
	APR-SEP	3288	3447	3520	90	3593	3752	3910
CLARK FORK nr Plains (1,2)	APR-JUL	8303	8549	8660	86	8771	9017	10100
	APR-SEP	9107	9384	9510	86	9636	9913	11100
THOMPSON nr Thompson Falls	APR-JUL	91	144	180	88	216	269	205
	APR-SEP	109	165	203	88	241	297	230
PROSPECT CREEK at Thompson Falls	APR-JUL	70	94	110	95	126	150	116
	APR-SEP	77	101	118	95	135	159	124
CLARK FK at Whitehorse Rpds (1,2)	APR-JUL	9154	9681	9920	88	10159	10686	11300
	APR-SEP	10031	10628	10900	87	11172	11769	12500

LOWER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage ***		
		This Year	Last Year	Avg
		Year	Year	
NOXON RAPIDS		NO REPORT		

LOWER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - January 1, 2008

Watershed	Number of Data Sites	This Year as % of	
		Last Yr	Average
LOWER CLARK FORK BASIN	8	112	107

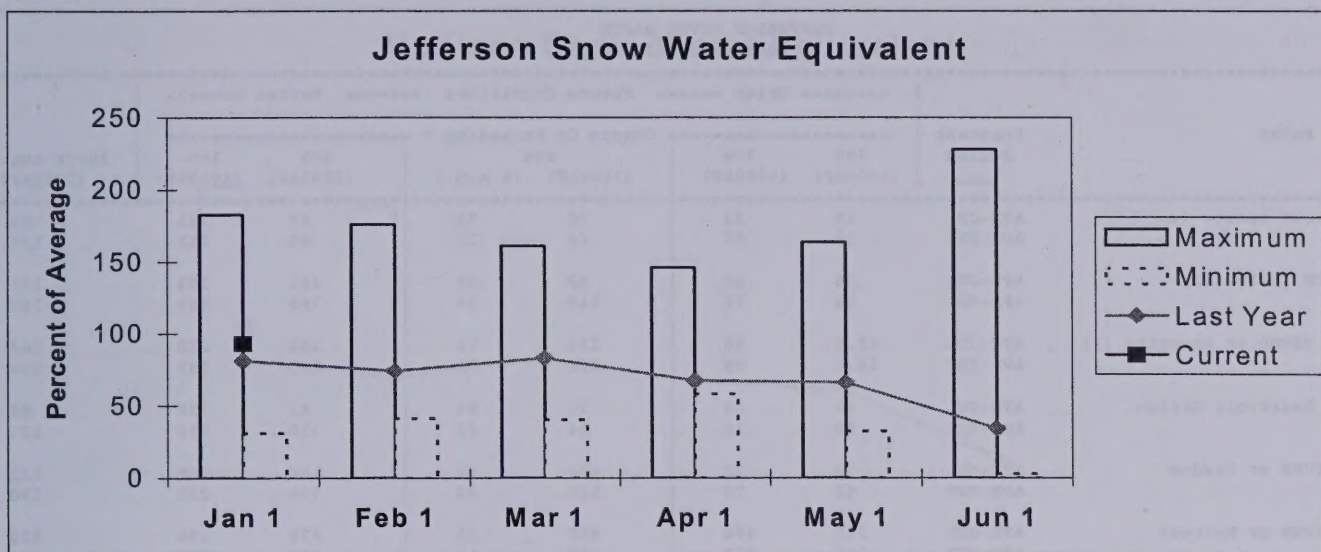
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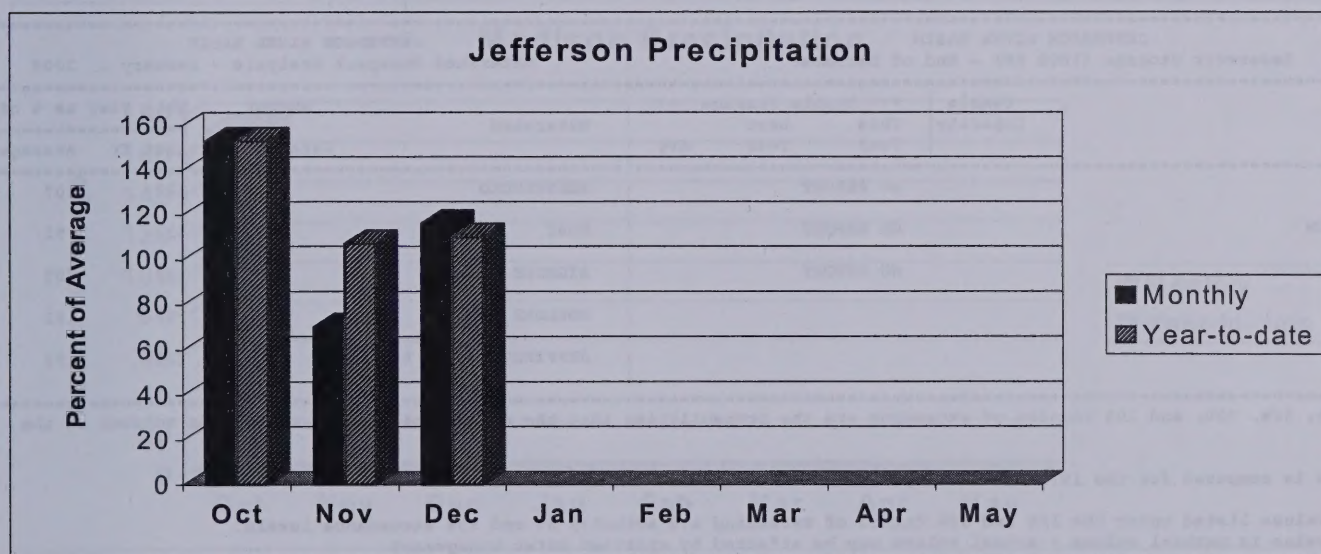
Jefferson River Basin

Snowpack conditions in the Jefferson River Basin were near average. Snow water content was 93 percent of average and 115 percent of last year. Darkhorse Lake snow water content is fifth highest of record.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1972 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1982 and minimum in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during December was 114 percent of average and 140 percent of last year. Valley precipitation during December was 131 percent of average and 111 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 110 percent of average and 93 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 56 percent to 78 percent.

Lima storage was 57 percent of average and 43 percent of last year; Clark Canyon storage was 67 percent of average and 93 percent of last year; and Ruby River storage was not available.

Surface Water Supply Index (SWSI) was -1.1 in the Beaverhead River; data not available in the Ruby River; +0.3 in the Big Hole River; -1.8 in the Boulder River; and data not available in the Jefferson River as a whole.

JEFFERSON RIVER BASIN
Streamflow Forecasts - January 1, 2008

		<<----- Drier ----- Future Conditions ----- Wetter ----->>						
Forecast Point	Forecast Period	Chance Of Exceeding *						30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF) (% AVG.)		30% (1000AF)	10% (1000AF)	
LIMA RESERVOIR Inflow (2)	APR-JUL	29	53	70	73	87	111	96
	APR-SEP	29	57	76	73	95	123	104
CLARK CANYON Inflow (2)	APR-JUL	25	58	89	68	126	194	131
	APR-SEP	32	76	116	74	165	255	156
BEAVERHEAD RIVER at Barretts (2)	APR-JUL	19.0	80	121	72	162	225	168
	APR-SEP	16.0	99	156	78	215	295	200
RUBY RIVER Reservoir Inflow	APR-JUL	49	66	79	94	93	116	84
	APR-SEP	60	79	94	93	110	136	101
BIG HOLE RIVER at Wisdom	APR-JUL	38	73	104	86	140	205	121
	APR-SEP	42	79	112	86	150	215	130
BIG HOLE RIVER nr Melrose	APR-JUL	330	460	560	92	670	850	610
	APR-SEP	365	505	610	92	725	915	660
JEFFERSON nr Twin Bridges (2)	APR-JUL	295	535	695	89	855	1100	785
	APR-SEP	330	590	765	87	940	1200	880
BOULDER RIVER nr Boulder	APR-JUL	19.7	38	50	64	62	80	78
	APR-SEP	20	40	53	62	66	86	85
WILLOW CREEK Reservoir Inflow	APR-JUL	5.1	7.1	12.8	72	18.5	27	17.9
	APR-SEP	5.6	9.0	14.0	70	19.0	26	20
JEFFERSON RIVER nr Three Forks (2)	APR-JUL	129	430	635	81	840	1140	780
	APR-SEP	200	535	760	88	985	1320	860

JEFFERSON RIVER BASIN					JEFFERSON RIVER BASIN				
Reservoir Storage (1000 AF) - End of December					Watershed Snowpack Analysis - January 1, 2008				
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of		
		This Year	Last Year	Avg			Last Yr	Average	
LIMA		NO REPORT			BEAVERHEAD	8	127	107	
CLARK CANYON		NO REPORT			RUBY	5	132	91	
RUBY RIVER		NO REPORT			BIGHOLE	10	119	105	
					BOULDER	6	77	61	
					JEFFERSON RIVER BASIN	24	115	93	

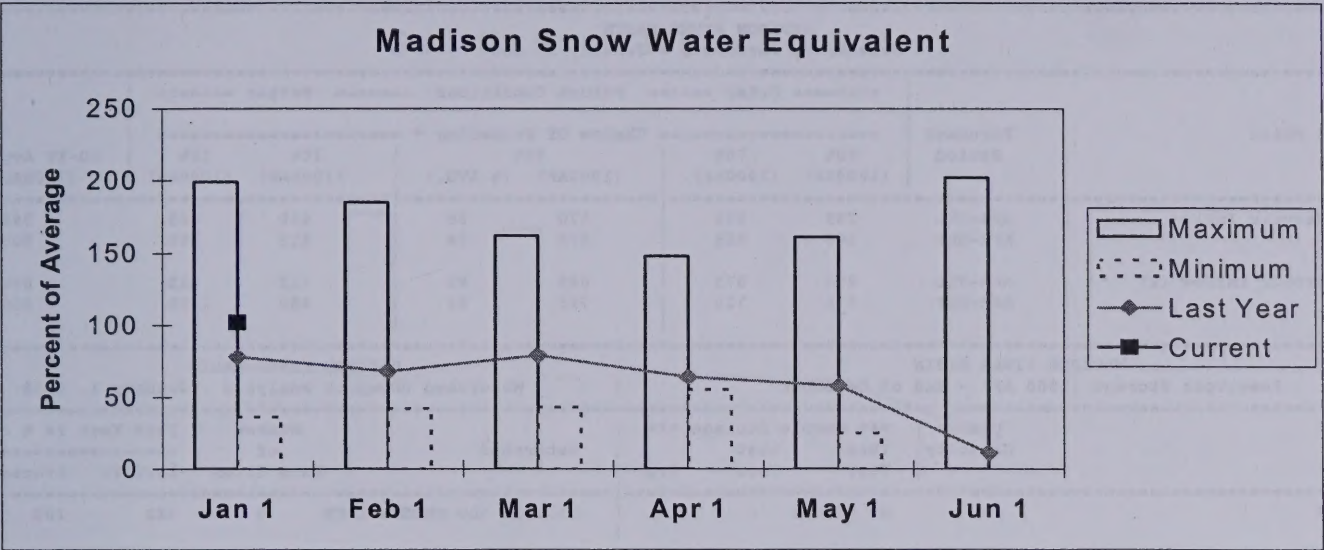
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

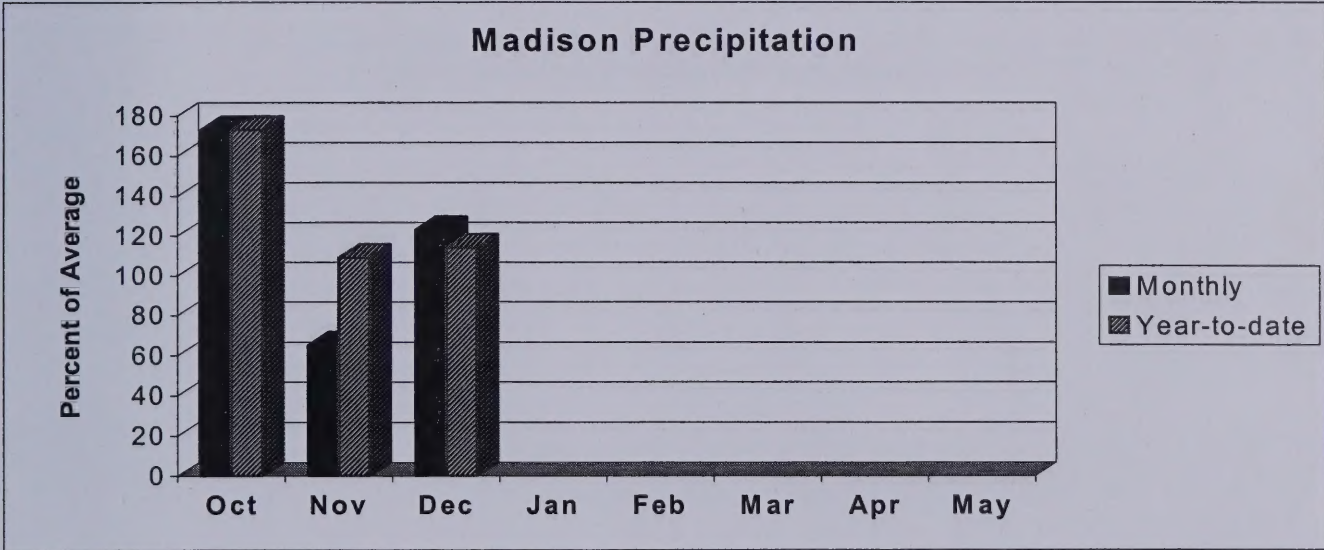
Madison River Basin

Snowpack conditions in the Madison River Basin were near average. Snow water content was 102 percent of average and 130 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1997 and minimum swe was in 1977; and June maximum swe was in 1995 and minimum in 1987 and 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during December was 123 percent of average and 159 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 114 percent of average and 108 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 86 percent to 95 percent.

Ennis Lake storage was 87 percent of average and 97 percent of last year and Hebgen Lake storage was 105 percent of average and 93 percent of last year.

Surface Water Supply Index (SWSI) was +0.5 for the Madison River.

MADISON RIVER BASIN
Streamflow Forecasts - January 1, 2008

<<----- Drier ----- Future Conditions ----- Wetter ----->>								
Forecast Point	Forecast Period	Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
HEBGEN Reservoir Inflow	APR-JUL	285	335	370	95	410	465	390
	APR-SEP	365	425	470	94	515	590	500
ENNIS Reservoir Inflow (2)	APR-JUL	480	575	645	95	715	810	680
	APR-SEP	590	710	795	94	880	1000	850

MADISON RIVER BASIN Reservoir Storage (1000 AF) - End of December					MADISON RIVER BASIN Watershed Snowpack Analysis - January 1, 2008			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
ENNIS LAKE		NO REPORT			MADISON abv HEBGEN LAKE	6	122	100
HEBGEN LAKE		NO REPORT			MADISON blw HEBGEN LAKE	8	136	103
					MADISON RIVER BASIN	14	130	102

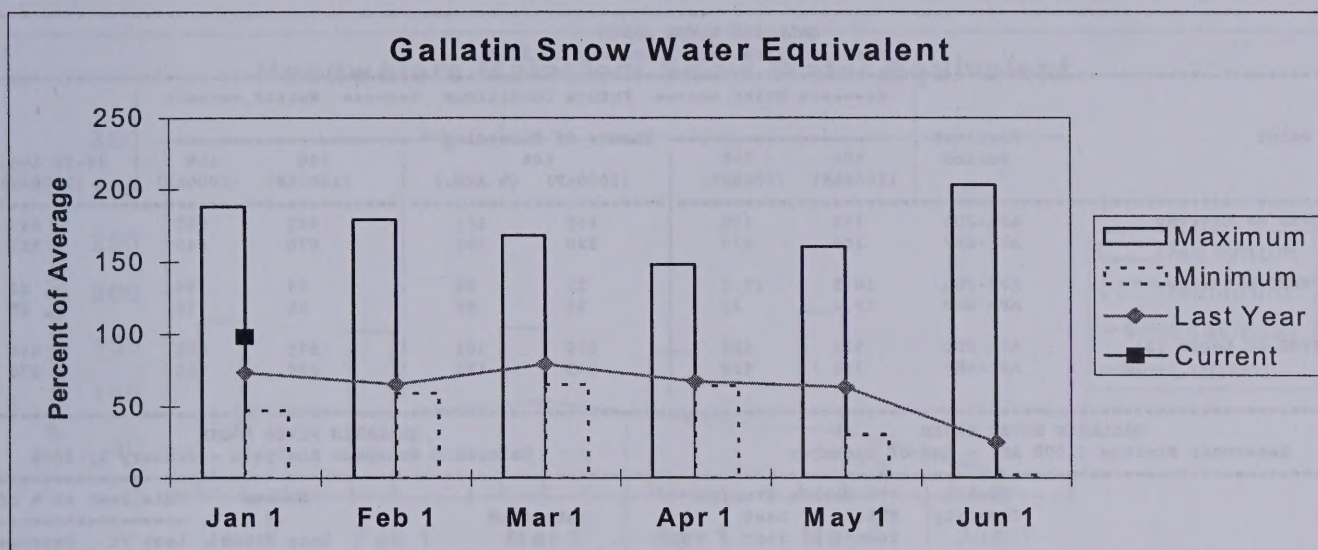
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 (2) - The value is natural volume - actual volume may be affected by upstream water management.

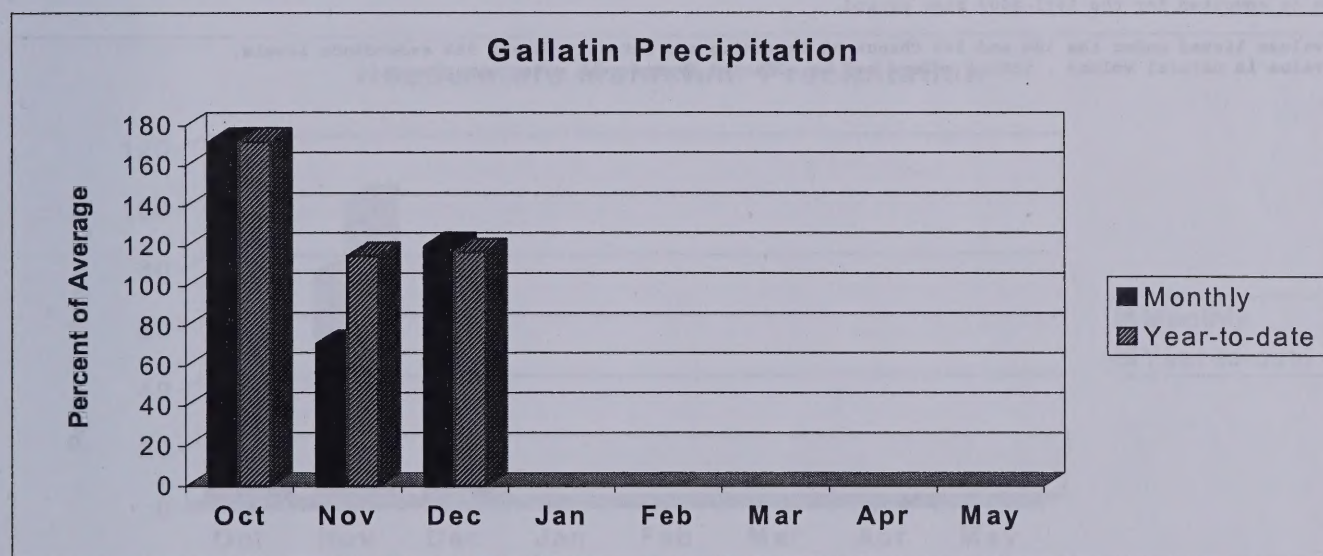
Gallatin River Basin

Snowpack conditions in the Gallatin River Basin were near average. Snow water content was 98 percent of average and 135 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1966; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977 and 2005; April maximum swe was in 1997 and minimum was in 1987; May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1975 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during December was 122 percent of average and 170 percent of last year. Valley precipitation during December was 85 percent of average and 67 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 144 percent of average and 87 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 88 percent to 99 percent.

Middle Creek storage was not available.

Surface Water Supply Index (SWSI) was +0.9 for the Gallatin River.

GALLATIN RIVER BASIN
Streamflow Forecasts - January 1, 2008

Forecast Point	Forecast Period	<<----- Drier ----- Future Conditions ----- Wetter ----->>						30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
GALLATIN RIVER nr Gateway	APR-JUL	335	400	445	101	490	555	440
	APR-SEP	395	470	520	101	570	645	515
HYALITE RESERVOIR Inflow	APR-JUL	16.5	19.1	21	96	23	26	22
	APR-SEP	19.0	22	24	96	26	30	25
GALLATIN RIVER at Logan (2)	APR-JUL	315	425	500	101	575	685	495
	APR-SEP	365	490	575	101	660	785	570

GALLATIN RIVER BASIN Reservoir Storage (1000 AF) - End of December					GALLATIN RIVER BASIN Watershed Snowpack Analysis - January 1, 2008			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
MIDDLE CREEK	NO REPORT				UPPER GALLATIN	4	138	104
					HYALITE	2	105	89
					BRIDGER	2	181	93
					GALLATIN RIVER BASIN	8	135	98

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

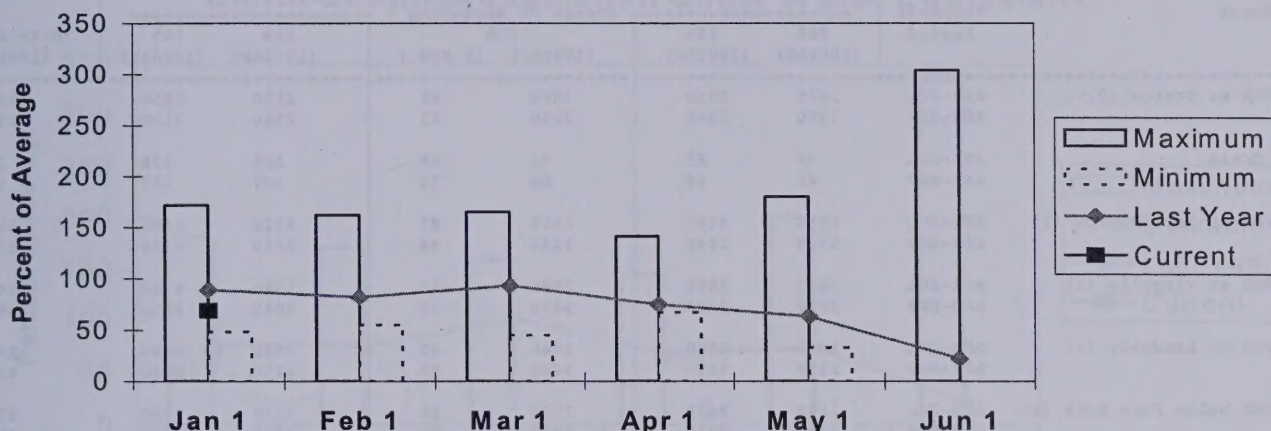
The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

Missouri Mainstem River Basin

Snowpack conditions for the Missouri Mainstem were below average. Snow water content is 70 percent of average and 83 percent of last year. Snowpack in the Headwaters Missouri Mainstem River Basin were well below average. Snow water content was 69 percent of average and 78 percent of last year.

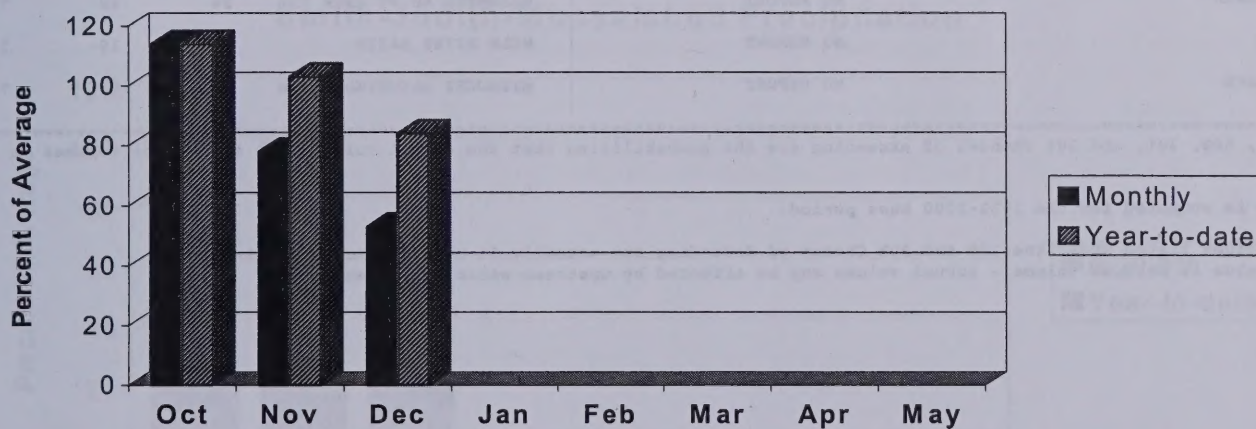
Headwaters Mainstem Snow Water Equivalent



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum swe was in 1977 and 1988; March maximum swe in 1972 and minimum swe was in 1977; April maximum swe was in 1972 and minimum swe was in 1961, 1966 and 2005; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during December was 70 percent of average and 96 percent of last year. Valley precipitation during December was 21 percent of average and 29 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 91 percent of average and 83 percent of last year.

Headwaters Mainstem Precipitation



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 69 to 83 percent.

Canyon Ferry Lake storage was 87 percent of average and 94 percent of last year; Helena Valley storage was 110 percent of average and 70 percent of last year; Lake Helena storage was 87 percent of average and 99 percent of last year; Hauser & Helena storage was 117 percent of average and 99 percent of last year; Holter Lake storage was 101 percent of average and 100 percent of last year; and Fort Peck Lake storage was 59 percent of average and 101 percent of last year.

Surface Water Supply Index (SWSI) was 0.0 in the Missouri River above Canyon Ferry; -1.3 in the Missouri River below Canyon Ferry; -1.3 in the Dearborn River near Craig; data not available in the Missouri River above Fort Peck; and -3.5 in the Missouri River below Fort Peck.

MISSOURI MAINSTEM RIVER BASIN
Streamflow Forecasts - January 1, 2008

Forecast Point	Forecast Period	<<----- Drier ----- Future Conditions ----- Wetter ----->>						30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
MISSOURI RIVER at Toston (2)	APR-JUL	1070	1540	1860	91	2180	2650	2050
	APR-SEP	1300	1840	2210	93	2580	3120	2390
DEARBORN nr Craig	APR-JUL	38	65	83	69	101	128	121
	APR-SEP	41	69	88	70	107	135	125
MISSOURI RIVER at Fort Benton (2)	APR-JUL	1530	2160	2590	87	3020	3650	2990
	APR-SEP	1910	2640	3140	88	3640	4370	3570
MISSOURI RIVER at Virgelle (2)	APR-JUL	1680	2400	2890	84	3380	4100	3450
	APR-SEP	2070	2900	3470	86	4040	4870	4060
MISSOURI RIVER nr Landusky (2)	APR-JUL	1840	2570	3060	83	3550	4280	3690
	APR-SEP	2280	3110	3680	85	4250	5080	4350
MISSOURI RIVER below Fort Peck (2)	APR-JUL	1860	2620	3130	84	3640	4400	3740
	APR-SEP	2080	3010	3640	84	4270	5200	4330
LAKE SAKAKAWEA Inflow (2)	APR-JUL	5700	7240	8280	85	9320	10900	9740
	APR-SEP	5800	8180	9480	85	10800	13200	11200

MISSOURI MAINSTEM RIVER BASIN
Reservoir Storage (1000 AF) - End of December

MISSOURI MAINSTEM RIVER BASIN
Watershed Snowpack Analysis - January 1, 2008

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
CANYON FERRY LAKE		NO REPORT			HEADWATERS MAINSTEM	8	78	69
HELENA VALLEY	9.2	5.3	7.6	4.8	SMITH-JUDITH-MUSSELSHELL	10	96	74
LAKE HELENA		NO REPORT			SUN-TETON-MARIAS	7	89	80
HAUSER & HELENA		NO REPORT			MAINSTEM ab FT PECK RES	24	88	74
HOLTER LAKE		NO REPORT			MILK RIVER BASIN	3	19	18
FORT PECK LAKE		NO REPORT			MISSOURI MAINSTEM BASIN	26	83	70

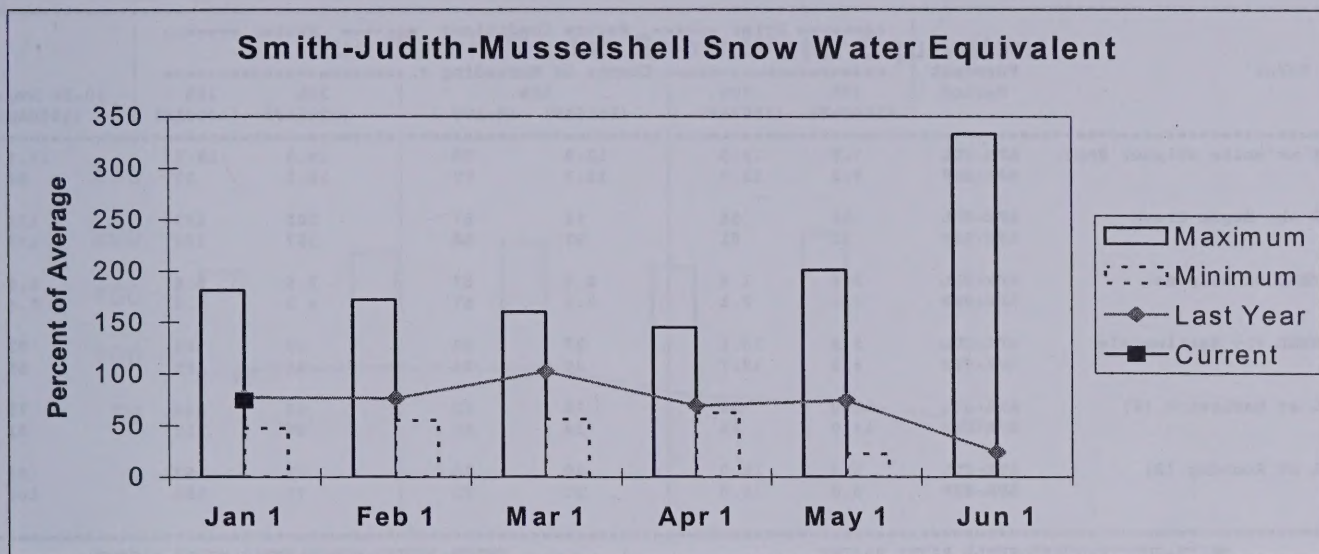
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The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
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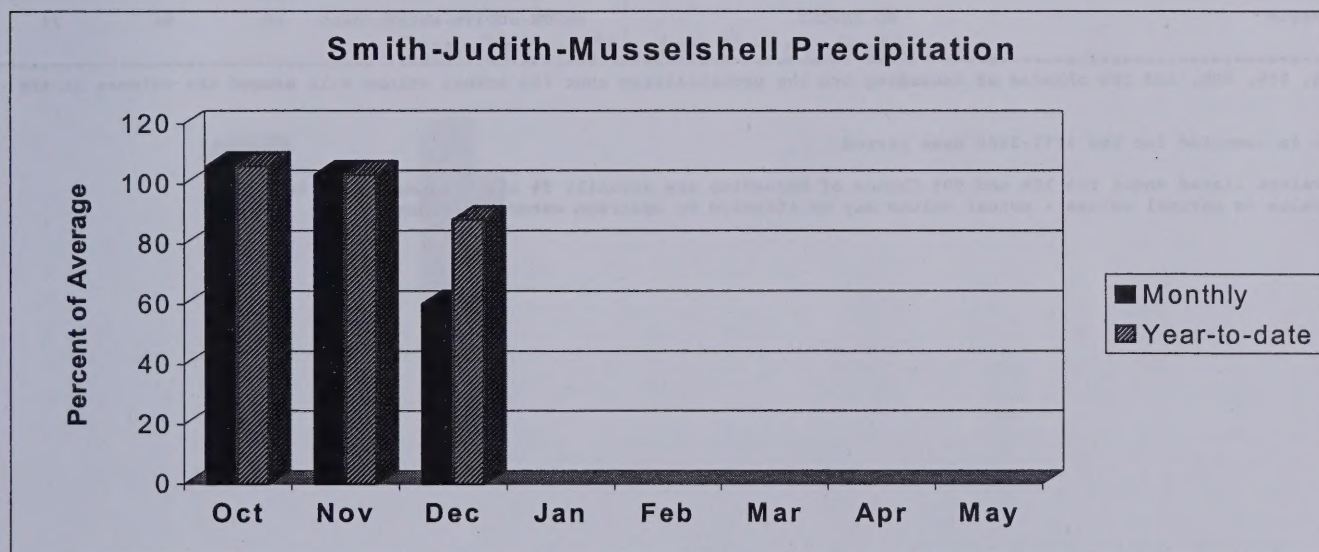
Smith-Judith-Musselshell River Basins

The combined snowpack conditions in the Smith-Judith-Musselshell River Basins were below average. Snow water content in the Smith River Basin was 77 percent of average and 100 percent of last year; in the Judith River Basin was 75 percent of average and 94 percent of last year; and in the Musselshell River Basin was 65 percent of average and 143 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1988; February maximum swe was in 1978 and minimum swe was in 1987; March maximum swe was in 1978 and minimum swe was in 1987 and 2005; April maximum swe was in 1970 and minimum swe was in 1992; and May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1967 and minimum swe was in 1987, 1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during December in the Smith-Belts was 74 percent of average and 116 percent of last year; in the Judith was 50 percent of average and 77 percent of last year; and in the Musselshell was 28 percent of average and 80 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 88 percent of average and 68 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 36 to 51 percent.

Smith River storage was not available; Bair storage was not available; Martinsdale storage was not available; and Deadman's Basin was not available.

Surface Water Supply Index (SWSI) was -0.5 in the Smith River; data not available in the Upper Judith River; and data not available in the Musselshell River.

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Streamflow Forecasts - January 1, 2008

		<<----- Drier ----- Future Conditions ----- Wetter ----->>						
Forecast Point	Forecast Period	-----		Chance Of Exceeding *		-----		30-Yr Avg (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
SHEEP CREEK nr White Sulphur Spgs.	APR-JUL	7.5	10.5	12.8	75	15.3	19.5	17.1
	APR-SEP	9.2	12.7	15.3	77	18.2	23	20
SMITH RIVER abv Eagle Creek	APR-JUL	28	54	76	57	102	148	133
	APR-SEP	32	61	87	58	117	169	149
NF MUSSELSHELL nr Delpine	APR-JUL	0.8	1.8	2.6	57	3.6	5.4	4.6
	APR-SEP	1.0	2.1	3.1	57	4.3	6.3	5.4
SF MUSSELSHELL abv Martinsdale	APR-JUL	5.9	16.6	27	52	40	63	52
	APR-SEP	6.9	18.7	30	54	44	69	56
MUSSELSHELL at Harlowton (2)	APR-JUL	12.0	20	32	42	63	109	77
	APR-SEP	13.0	21	34	42	66	112	81
MUSSELSHELL nr Roundup (2)	APR-JUL	8.0	16.0	20	20	75	157	99
	APR-SEP	8.0	16.0	21	21	77	159	102

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage ***		
		This Year	Last Year	Avg
SMITH RIVER		NO REPORT		
ACKLEY LAKE		NO REPORT		
BAIR		NO REPORT		
MARTINSDALE		NO REPORT		
DEADMAN'S BASIN		NO REPORT		

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Watershed Snowpack Analysis - January 1, 2008

Watershed	Number of Data Sites	This Year as % of	
		Last Yr	Average
SMITH	6	100	77
HIGHWOOD	0	0	0
JUDITH	4	94	75
MUSSELSHELL	3	143	65
SMITH-JUDITH-MUSSELSHELL	10	96	74

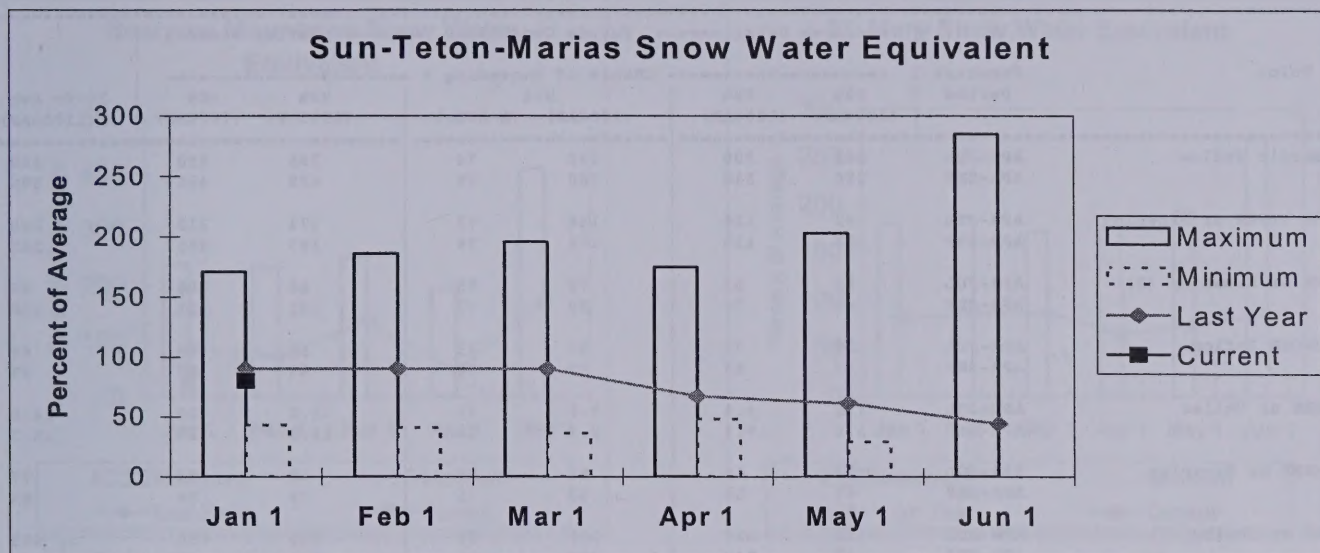
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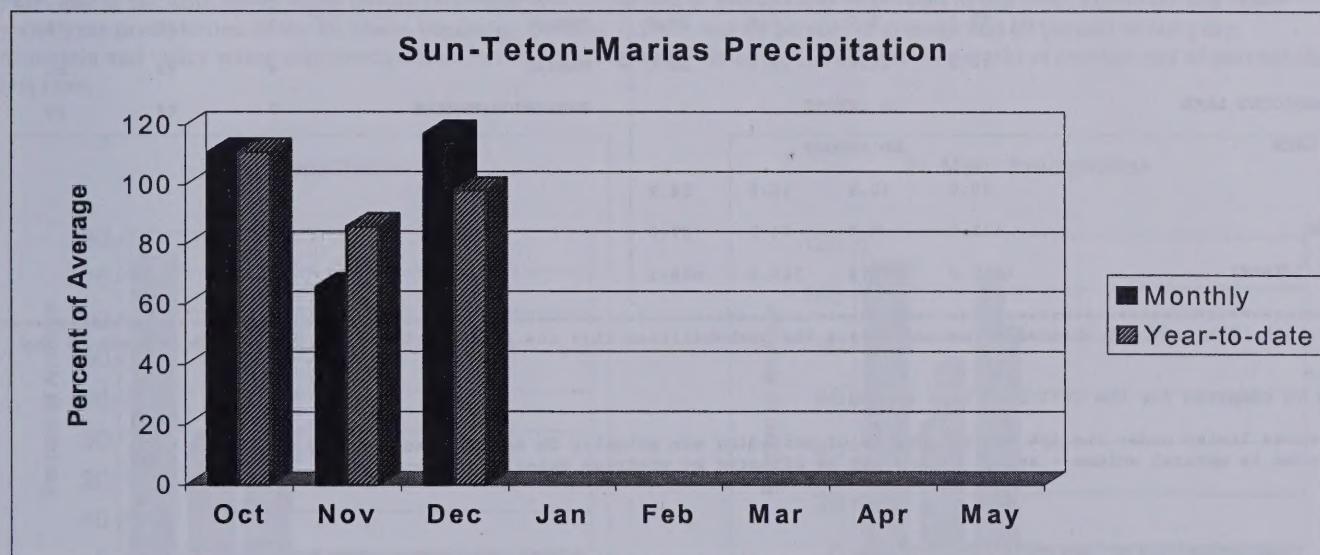
Sun-Teton-Marias River Basins

The combined snowpack conditions for the Sun-Teton-Marias River Basins were below average. Snow water content in the Sun River Basin was 84 percent of average and 90 percent of last year; in the Teton River Basin was 73 percent of average and 89 percent of last year; and in the Marias River Basin was 81 percent of average and 93 percent of last year. Dupuyer Creek snow water content is sixth lowest of record.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum was in 1972 and minimum swe was in 1987, 1992, and 1998. Average is for the period 1971 through 2000.

Mountain and valley precipitation during December in the Sun was 95 percent of average and 158 percent of last year; in the Teton was 126 percent of average and 140 percent of last year; and in the Marias was 117 percent of average and 184 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 98 percent of average and 84 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 53 to 67 percent.

Gibson storage was 40 percent of average and 44 percent of last year; Pishkun storage was 0 percent of average; Willow Creek storage was 102 percent of average and 78 percent of last year; Lower Two Medicine Lake storage was not available; Four Horns Lake storage was not available; Swift storage was 74 percent of average and 63 percent of last year; Lake Frances storage was 15 percent of average and 40 percent of last year; and Lake Elwell (Tiber) storage was 99 percent of average and 89 percent of last year.

Surface Water Supply Index (SWSI) was -2.3 in the Sun River; -0.7 in the Teton River; -3.9 in the Birch/Dupuyer Creeks; data not available in the Marias River above Tiber, and data not available in the Marias below Tiber.

SUN-TETON-MARIAS RIVER BASINS
Streamflow Forecasts - January 1, 2008

		<<----- Drier ----- Future Conditions ----- Wetter ----->>						
Forecast Point	Forecast Period	Chance Of Exceeding *						30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
GIBSON Reservoir Inflow	APR-JUL	245	300	340	74	385	450	460
	APR-SEP	280	340	380	75	425	495	505
TWO MEDICINE RIVER nr Browning	APR-JUL	92	124	148	72	174	215	205
	APR-SEP	104	135	159	74	185	225	215
BADGER CREEK nr Browning (2)	APR-JUL	49	63	74	75	86	104	99
	APR-SEP	60	76	88	77	101	121	115
SWIFT RESERVOIR Inflow	APR-JUL	29	39	47	73	55	69	64
	APR-SEP	38	49	57	74	66	80	77
DUPUYER CREEK nr Valier	APR-JUL	3.1	4.4	7.8	56	12.2	20	14.0
	APR-SEP	3.6	5.4	9.1	58	13.8	23	15.7
CUT BANK CREEK nr Browning	APR-JUL	37	49	58	75	68	84	77
	APR-SEP	41	54	63	75	73	89	84
MARIAS RIVER nr Shelby (2)	APR-JUL	118	220	285	69	350	450	415
	APR-SEP	138	240	310	71	380	480	440
TETON nr Dutton	APR-JUL	9.2	12.0	23	45	37	65	51
	APR-SEP	11.2	15.8	28	48	44	73	59

SUN-TETON-MARIAS RIVER BASINS
Reservoir Storage (1000 AF) - End of December

Reservoir	Usable Capacity	*** Usable Storage ***		
		This Year	Last Year	Avg
GIBSON		NO REPORT		
PISHKUN	32.0	0.0	0.0	18.0
WILLOW CREEK	32.2	22.4	28.9	22.0
LOWER TWO MEDICINE LAKE		NO REPORT		
FOUR HORNS LAKE		NO REPORT		
SWIFT	30.0	10.5	16.8	14.2
LAKE FRANCES	112.0	9.8	24.2	67.0
LAKE ELWELL (TIBER)	1347.0	640.8	719.8	648.1

SUN-TETON-MARIAS RIVER BASINS
Watershed Snowpack Analysis - January 1, 2008

Watershed	Number of Data Sites	This Year as % of	
		Last Yr	Average
SUN	2	90	84
TETON	3	89	73
MARIAS	4	93	81
SUN-TETON-MARIAS	7	89	80

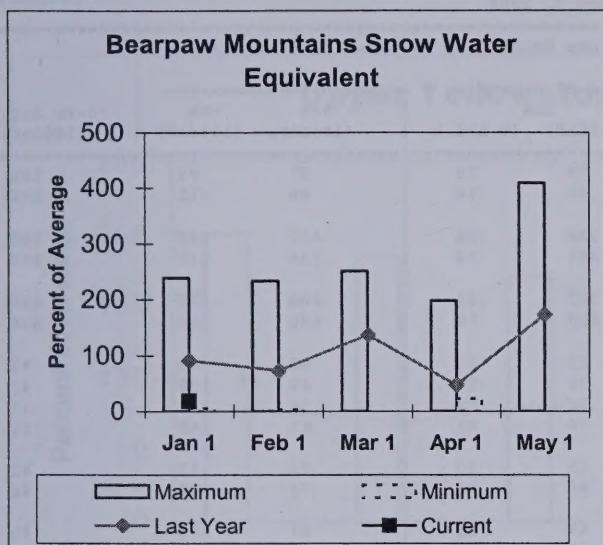
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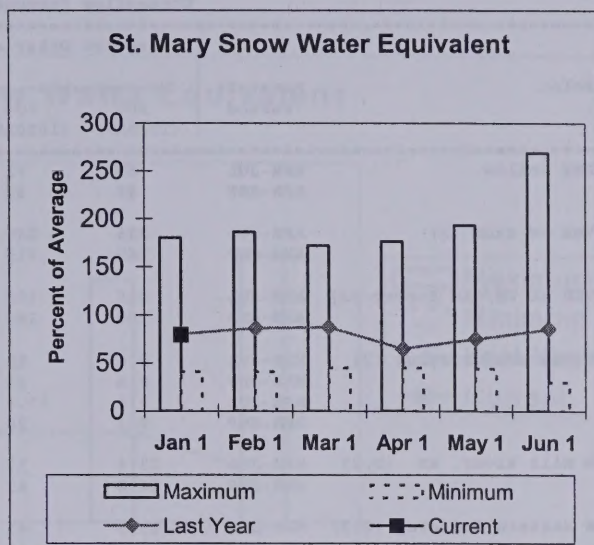
St. Mary and Milk River Basins

The combined snowpack conditions in the St. Mary and Milk River Basins were well below average. Snow water content in the Saint Mary River Basin was 79 percent of average 100 percent of last year. The Milk River Basin (Bearpaw Mountains) was 18 percent of average, 19 percent of last, and second lowest of record. Boxelder Creek and Rocky Boy snow water content is third lowest of record.

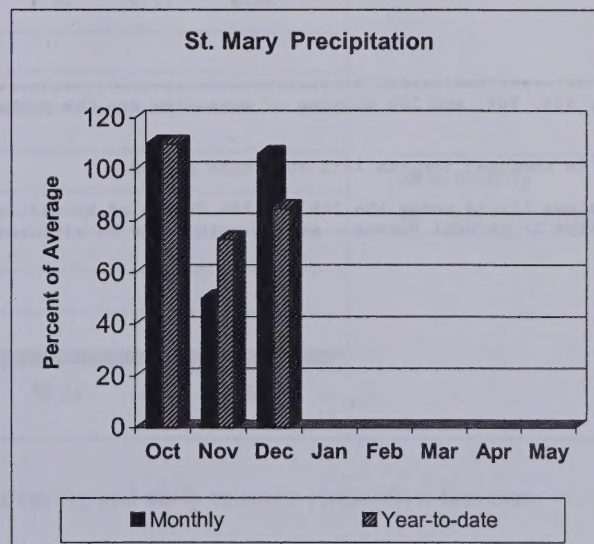
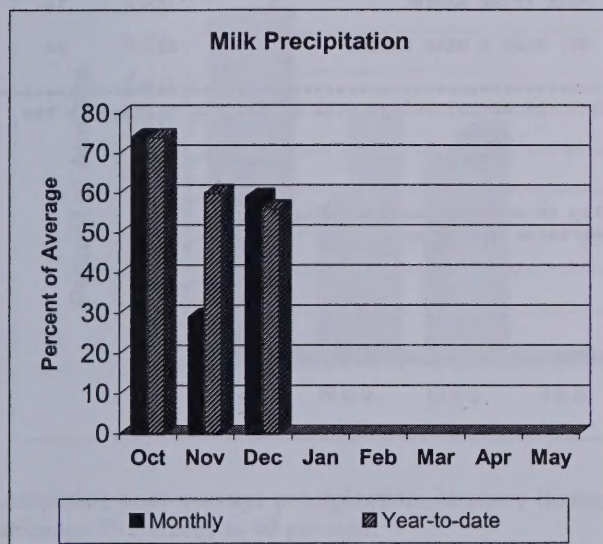


Bearpaw - January maximum swe was established in 1978 and minimum swe was in 1981; February maximum swe was 1978 and minimum was in 1973; March maximum swe was 1978 and minimum swe was 2005; April maximum swe was in 1985 and minimum swe was in 1973, 1983, and 1986; May maximum swe was 1975 and the minimum, 0.0, has occurred in several years. Average is for the period 1971 through 2000.

St. Mary - January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1967 and 1972 and minimum swe was in 2005; May maximum swe was in 19972 and minimum swe was in 1977; and June maximum swe was in 1972 and minimum swe was 1992. Average is for the period 1971 through 2000.



Mountain and valley precipitation in the St. Mary River Basin during December was 106 percent of average and 144 percent of last year; and in the Milk River Basin during December was 59 percent of average and 76 percent of last year. Mountain and valley water year precipitation in the St. Mary, beginning October 1, 2007, was 85 percent of average and 69 percent of last year. Mountain and valley water year precipitation in the Milk, beginning October 1, 2007, was 56 percent of average and 45 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts in the St. Mary average 70 to 79 percent. In the Milk the spring and early summer streamflow forecasts average 47 to 72 percent.

Lake Sherburne storage was 77 percent of average and 50 percent of last year; Fresno storage was 65 percent of average and 82 percent of last year; Beaver Creek storage was not available; and Nelson storage was 92 percent of average and 115 percent of last year.

Surface Water Supply Index (SWSI) was -2.8 in the St. Mary River and -0.4 for the Milk River.

ST. MARY and MILK RIVER BASINS
Streamflow Forecasts - January 1, 2008

Forecast Point	Forecast Period	<----- Drier ----- Future Conditions ----- Wetter ----->						30-Yr Avg. (1000AF)				
		90% (1000AF)		70% (1000AF)		50% (1000AF) (% AVG.)			30% (1000AF)		10% (1000AF)	
		Chance Of Exceeding *										
LAKE SHERBURNE Inflow	APR-JUL	59	71	79	75	87	99	105				
	APR-SEP	69	81	90	74	99	111	122				
ST. MARY RIVER nr Babb (2)	APR-JUL	235	280	310	81	340	385	385				
	APR-SEP	265	315	350	78	385	435	450				
ST. MARY RIVER at US/CAN Border (2)	APR-JUL	235	305	355	82	405	475	435				
	APR-SEP	280	350	400	78	450	520	515				
MILK RIVER @ Western Crossing (3)	MAR-JUL	9.4	23	33	81	45	54	41				
	MAR-SEP	9.5	25	36	84	49	58	43				
	APR-JUL	7.6	17.4	26	79	36	43	33				
	APR-SEP	7.9	20	30	83	41	48	36				
MILK RIVER @ Milk River, AB (2,3)	MAR-JUL	13.4	37	55	90	73	77	61				
	MAR-SEP	14.2	41	60	91	79	84	66				
MILK RIVER @ Eastern Crossing (2,3)	MAR-JUL	18.3	41	69	83	97	108	83				
	MAR-SEP	18.5	46	75	85	104	116	88				
	APR-JUL	13.4	30	51	84	72	79	61				
	APR-SEP	14.5	37	59	86	81	91	69				
BEAVER CREEK near Havre	MAR-JUL	1.2	2.2	3.3	34	4.9	8.8	9.6				
	APR-JUL	1.0	1.9	2.8	32	4.2	7.6	8.7				

ST. MARY and MILK RIVER BASINS
Reservoir Storage (1000 AF) - End of December

ST. MARY and MILK RIVER BASINS
Watershed Snowpack Analysis - January 1, 2008

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
LAKE SHERBURNE	64.3	18.0	36.2	23.5	ST. MARY	2	100	79
FRESNO		NO REPORT			BEARPAW MOUNTAINS	3	19	18
BEAVER CREEK		NO REPORT			CYPRESS HILLS, CANADA	0	0	0
NELSON	66.8	32.8	28.6	35.7	MILK RIVER BASIN	3	19	18
					ST. MARY & MILK BASINS	5	81	66

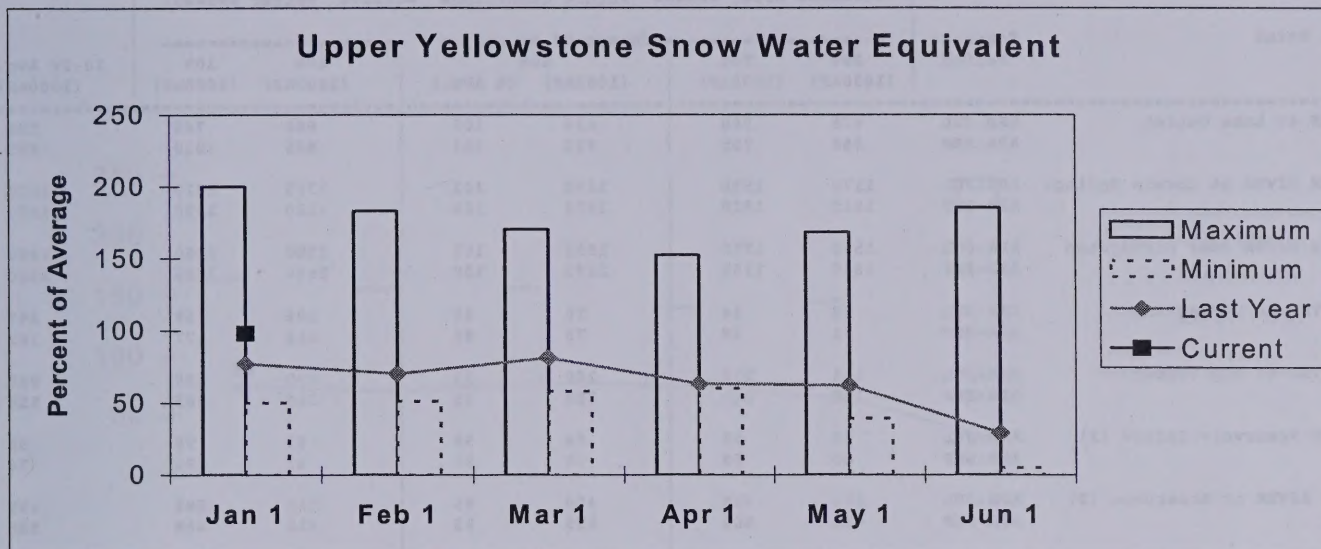
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 (2) - The value is natural volume - actual volume may be affected by upstream water management.

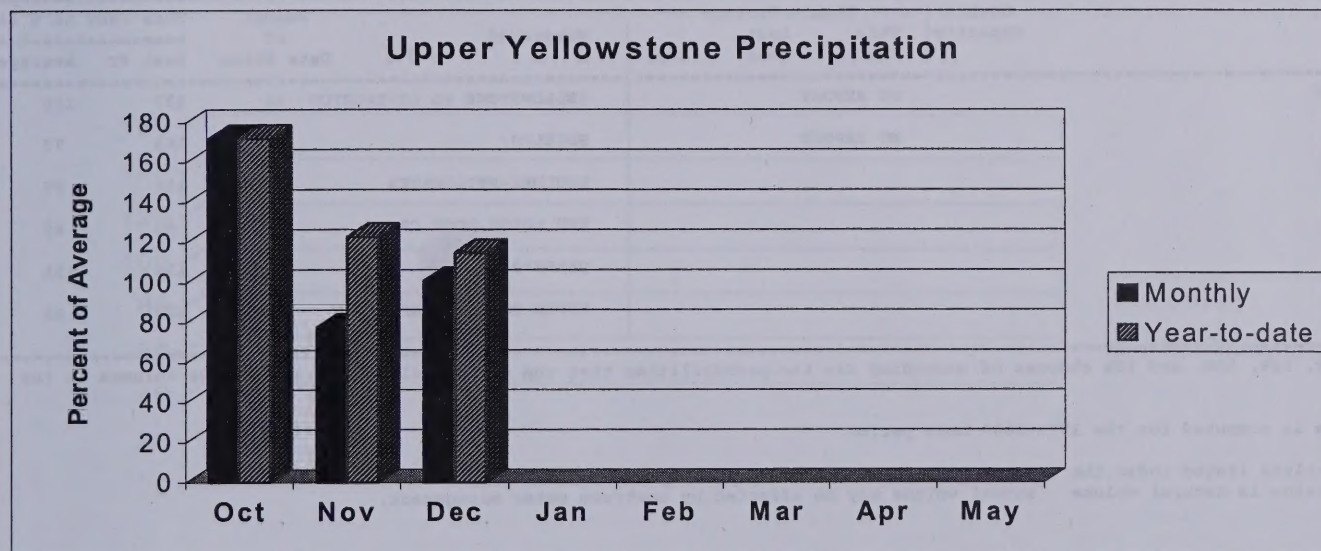
Upper Yellowstone River Basin

Snowpack conditions in the Upper Yellowstone River Basin were near average. Snow water content was 98 percent of average and 127 percent of last year. Red Lodge Rock Creek Basins snowpack is third lowest of record and tied with 1977. Cole Creek snow water content is third lowest of record. Lupine Creek snow water content was the lowest of record; Fisher Creek and Two Ocean Plateau were seventh highest of record; and Parkers Peak third highest of record.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1997 and minimum swe was in 2001; April maximum swe was in 1997 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1987; and June maximum swe was 1996 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during December was 107 percent of average and 126 percent of last year. Valley precipitation during December was 40 percent of average and 68 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 115 percent of average and 104 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 79 percent to 90 percent.

Mystic Lake storage was 97 percent of average and 86 percent of last year and Cooney storage was not available.

Surface Water Supply Index (SWSI) was +0.8 in the Yellowstone River above Livingston; -2.4 in the Shields River; -0.9 in the Boulder River; +0.4 in the Stillwater River; data not available in the Rock/Red lodge Creeks; +0.9 in the Clarks Fork River; and +0.6 in the Yellowstone River above Bighorn River.

UPPER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - January 1, 2008

		<<----- Drier ----- Future Conditions ----- Wetter ----->>						
Forecast Point	Forecast Period	-----		Chance Of Exceeding *		-----		30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	

YELLOWSTONE at Lake Outlet	APR-JUL	475	560	620	105	680	765	590
	APR-SEP	645	755	830	103	905	1010	805
YELLOWSTONE RIVER at Corwin Springs	APR-JUL	1370	1550	1670	101	1790	1970	1650
	APR-SEP	1610	1820	1970	100	2120	2330	1970
YELLOWSTONE RIVER near Livingston	APR-JUL	1560	1770	1910	101	2050	2260	1900
	APR-SEP	1860	2100	2270	100	2440	2680	2280
SHIELDS RIVER nr Livingston	APR-JUL	28	34	70	48	106	159	145
	APR-SEP	31	38	78	48	118	177	162
BOULDER RIVER at Big Timber	APR-JUL	184	230	260	91	290	335	285
	APR-SEP	195	245	280	89	315	365	315
MYSTIC LAKE Reservoir Inflow (2)	APR-JUL	46	53	58	98	63	70	59
	APR-SEP	60	69	75	99	81	90	76
STILLWATER RIVER nr Absarokee (2)	APR-JUL	355	425	470	95	515	585	495
	APR-SEP	425	500	555	95	610	685	585
CLARKS FORK RIVER nr Belfry	APR-JUL	430	500	545	101	590	660	540
	APR-SEP	475	550	600	101	650	725	595
COONEY RESERVOIR Inflow (2)	APR-JUL	9.7	22	31	66	40	52	47
	APR-SEP	18.7	33	42	74	51	65	57
YELLOWSTONE RIVER at Billings (2)	APR-JUL	2560	3040	3370	96	3700	4180	3510
	APR-SEP	2880	3580	3960	96	4340	5040	4120

UPPER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of December

UPPER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - January 1, 2008

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
MYSTIC LAKE		NO REPORT			YELLOWSTONE ab LIVINGSTON	14	127	106
COONEY		NO REPORT			SHIELDS	4	164	77
					BOULDER-STILLWATER	3	116	97
					RED LODGE-ROCK CREEK	2	93	49
					CLARK'S FORK	7	130	111
					UPPER YELLOWSTONE BASIN	26	127	98

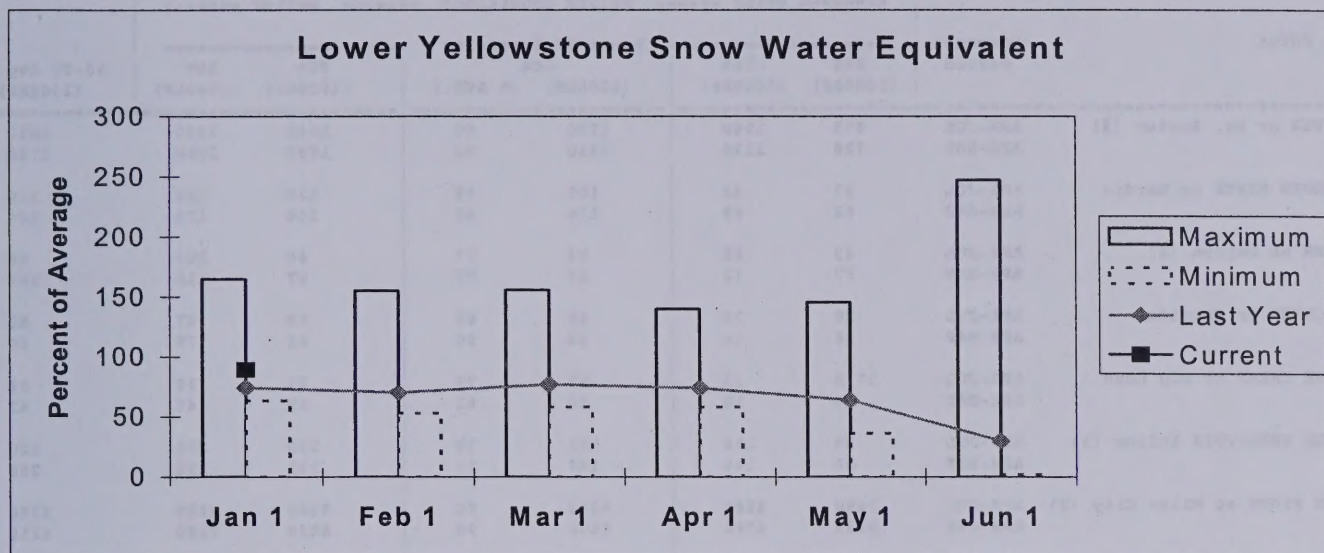
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The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

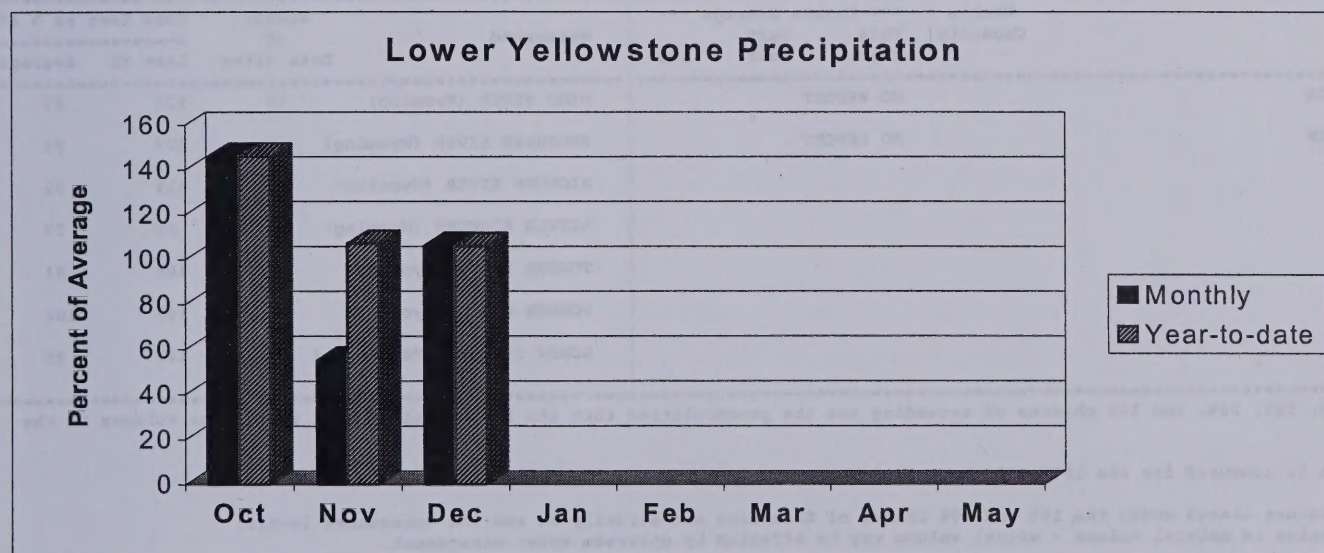
Lower Yellowstone River Basin

Snowpack conditions in the Lower Yellowstone River Basin were below average. Snow water content was 89 percent of average and 121 percent of last year. Cold Springs snow water content was tied for fifth lowest of record; Timber Creek was fourth lowest of record; Burroughs Creek was fourth highest of record; and Bear Trap set a new record high.



January maximum swe was established in 1997 and minimum swe was in 2000; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1986 and minimum swe was in 2001; April maximum swe was in 1986 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1981; and June maximum swe was in 1995 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during December was 106 percent of average and 151 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2007, was 106 percent of average and 123 percent of last year.



Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 66 to 82 percent.

Bighorn Lake storage was 100 percent of average and 116 percent of last year and Tongue River storage was not available.

Surface Water Supply Index (SWSI) was -0.6 in the Bighorn River below Bighorn Lake; +0.2 in the Little Bighorn River; +0.1 in the Yellowstone River below Bighorn River; data not available in the Tongue River; and -0.2 in the Powder River.

LOWER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - January 1, 2008

Forecast Point	Forecast Period	<<----- Drier ----- Future Conditions ----- Wetter ----->>						30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
BIGHORN RIVER nr St. Xavier (2)	APR-JUL	675	1040	1290	80	1540	1900	1610
	APR-SEP	725	1130	1410	80	1690	2090	1760
LITTLE BIGHORN RIVER nr Hardin	APR-JUL	57	84	105	82	129	168	128
	APR-SEP	62	95	118	82	144	174	144
TONGUE RIVER nr Dayton (2)	APR-JUL	49	63	74	77	86	105	96
	APR-SEP	57	72	84	77	97	116	109
BIG GOOSE CREEK nr Sheridan	APR-JUL	29	38	46	89	54	67	52
	APR-SEP	36	46	54	90	62	75	60
LITTLE GOOSE CREEK nr Big Horn	APR-JUL	17.5	23	27	79	31	39	34
	APR-SEP	24	30	34	81	39	46	42
TONGUE RIVER RESERVOIR Inflow (2)	APR-JUL	83	126	161	73	200	265	220
	APR-SEP	96	144	182	73	225	295	250
YELLOWSTONE RIVER at Miles City (2)	APR-JUL	3490	4280	4820	90	5360	6150	5360
	APR-SEP	3980	4980	5600	90	6220	7220	6210
POWDER RIVER at Moorehead	APR-JUL	70	121	164	80	215	295	205
	APR-SEP	86	140	184	80	235	320	230
POWDER RIVER nr Locate	APR-JUL	54	135	190	81	245	325	235
	APR-SEP	59	148	210	81	270	355	260
YELLOWSTONE RIVER nr Sidney (2)	APR-JUL	3480	4340	4930	90	5520	6380	5480
	APR-SEP	4010	4950	5650	90	6350	7290	6280

LOWER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of December

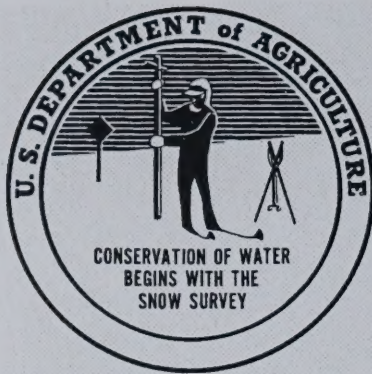
LOWER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - January 1, 2008

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BIGHORN LAKE		NO REPORT			WIND RIVER (Wyoming)	12	123	87
TONGUE RIVER		NO REPORT			SHOSHONE RIVER (Wyoming)	6	129	91
					BIGHORN RIVER (Wyoming)	16	119	92
					LITTLE BIGHORN (Wyoming)	2	90	77
					TONGUE RIVER (Wyoming)	7	108	91
					POWDER RIVER (Wyoming)	6	148	104
					LOWER YELLOWSTONE BASIN (	31	121	89

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

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- (2) - The value is natural volume - actual volume may be affected by upstream water management.



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Montana Water Supply Outlook Report

Natural Resources Conservation Service
Bozeman, MT

